Systemverkabelung - 2014
System Cabling - 2014

Projektierungs-Cross-Liste

Project Cross Reference List

PHOENIX CONTACT

INSPIRING INNOVATIONS

Systemverkabelung für Steuerungen
System cabling for controllers

Ein großer Teil der Kosten eines Automatisierungssystems resultiert aus der Verkabelung für die Stell- und Meldegeräte. Hinzu kommt, dass Maschinen und Anlagen immer komplexer werden und damit der Verkabelungsaufwand für die Ein- und Ausgabestationen weiter steigt. Zum Materialaufwand an Kabel und Leitungen kommt der Aufwand für die Planung, die Montage und Dokumentation noch hinzu.

Die Systemverkabelung reduziert die Herstellkosten durch schnelle, fehlerfreie und einheitliche I/O Verdrahtung von der Steuerungs- zur Feldebene.

Der Systemaufbau besteht aus den Komponenten:

- Frontadapter
- Systemkabel
- Anschaltmodul

Die Systemverkabelung ist verfügbar für SPSen von:

A large part of the costs of an automation system result from the cabling of the actuators and sensors. In addition to this, machines and systems are becoming more complex and the cabling effort of the input and output elements continue to increase.

Together with the material requirement in cable and connections, comes the effort for the planning, assembly and documentation.

The System Cabling reduces the manufacturing costs due to its quick, error-free and uniform I/O cabling from the control to the field level.

The System layout consists of these three components:

- Front Adapter
- System Cable
- Termination Module

The PLC System Cabling is available for the PLCs from:

- **Allen-Bradley** 4
- **GE-Fanuc** 12
- **Honeywell** 14
- **MITSUBISHI** 16
- **OMRON** 18
- **Phoenix Contact** 24
- **Schneider Electric** 26
- **SIEMENS** 30
- **Adapter mit Systemkabel / Adapter with integrated system cable** 50
- **System Cable** 51
- **Adapter PLC-V8** 56

Mit der **Projektierungs-Cross-Liste** sind die Vorteile des Systemkonzepts schon für den Planer nutzbar.

Ausgehend von der verwendeten SPS wird die zugehörige Cross-Liste zu Grunde gelegt. Nach Auswahl der I/O Anschlusskarte werden die erforderlichen Systemverkabelungs-Komponenten eindeutig spezifiziert. Die Anschaltmodule sind in die Übergabe von 8 und 32 Kanälen mit jeweils passiven und aktiven Modulen gruppiert und werden passgenau auf die Applikation ausgewählt.

Hinweis:
Beschreibung, technische Daten und Anschlussbelegung der Systemverkabelungs-Komponenten finden Sie im Phoenix Contact-Katalog 7-2013.

With this **Project Cross-Reference List** the advantages of the system concept are available and of benefit to the Project Engineer.

The reference table is based on the PLC used and provides the reference of available modules. After selection of the PLC I/O card, the required System Cabling components are clearly specified. The termination modules are grouped in either 8 and 32 channels into passive and active modules and are selected according to the application.

Important:
Description, technical data and connection - layout of the System Cabling components can be found in the Phoenix Contact catalog 7-2013.

Auswahlbeispiel:

			E/A-Karte	E/A-Karte
32	Frontadapter	FLKM 50-PA…	X	XO
	Systemkabel	FLK 50/EZ-DR/....KONFEK	X	X
	Anschaltmodul	FLKM 50/PLC	X	X
8	Frontadapter	FLKM 14-PA…	X	
	Systemkabel	FLK…/EZ-DR/...KONFEK	X	O
	Anschaltmodul	UM 45-8RM/MR-G24/1/PLC	X	O

K ≙ Kombinationsmöglichkeit

K 1
K 2
K 3
K 4

Selection Example:

			I/O Card	I/O Card
32	Front Adapter	FLKM 50-PA…	X	XO
	System Cable	FLK 50/EZ-DR/....KONFEK	X	X
	Termination Module	FLKM 50/PLC	X	X
8	Front Adapter	FLKM 14-PA…	X	
	System Cable	FLK…/EZ-DR/...KONFEK	X	O
	Termination Module	UM 45-8RM/MR-G24/1/PLC	X	O

K ≙ Possible combination

K 1
K 2
K 3
K 4

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	CPU 312C	CPU 313C	CPU 313C-2DP	CPU 313C-2PtP	CPU 314C-2DP	CPU 314C-2PtP	321-1BH50-0AA0	321-7BH01-0AB0	321-1BH02-0AA0	321-1BH10-0AA0	321-1BL00-0AA0	321-1BP00-0AA0 [2]	322-1BH01-0AA0	322-1BH10-0AA0	322-1BP00-0AA0	322-1BP50-0AA0	322-8BF00-0AB0	322-8BH01-0AB0	322-8BH10-0AB0	322-1BL00-0AA0	323-1BH01-0AA0
32 Kanäle / 32 channels		VIP-PA-FLK50/...M/S7 [1])	448	Seite/page 50	X	X	X	X	X	X					X							X	X	X	
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51															X	X					
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51												X									
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227		X	X	X	X	X					X	X			X	X				X	
		VIP-2/PT/FLK50/PLC	471	2903803		X	X	X	X	X					X	X			X	X				X	
		VIP-2/SC/FLK50/LED/PLC	471	2322252		X	X	X	X	X					X	X			X	X				X	
		VIP-2/PT/FLK50/LED/PLC	471	2904280		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/32M/PLC	477	2289719		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/32P/PLC	477	2291121		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/PLC	480	2284523		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/LA/PLC	480	2284510		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614		X	X	X	X	X					X	X			X	X				X	
		FLKM50/32M/SI/PLC	478	2294490		X	X	X	X	X					X	X			X	X				X	
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243	X	X	X	X	X	X					X	X			X	X		X	X	X	
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804	X	X	X	X	X	X					X	X			X	X		X	X	X	
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490	X	X	X	X	X	X					X	X			X	X		X	X	X	
	aktiv / active	UMK-32RM/MR-G24/1/PLC	492	2979472															X	X				X	
		UM-32RM/RT-G24/21/PLC	493	2968373															X	X				X	
		UMK-16RM/KSR-G24/21/PLC	495	2979498															X	X				X	
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508															X	X				X	
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382															X	X				X	
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379															X	X				X	
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891															X	X				X	
8 Kanäle / 8 channels		VIP-PA-FLK14/...M/S7 [1])	449	Seite/page 50							X	X	X	X			X	X			X				X
		VIP-PA-FLK4X14/...M/S7 [1])	449	Seite/page 50		X	X	X	X	X					X							X	X	X	
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51															X	X					
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51												X									
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/PT/2FLK14 (1-20) /S7	474	2903802		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/PLC	470	2903801		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/LED/PLC	470	2322249		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/LED/PLC	470	2904279		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/SC/FLK14/8IM/PLC	479	2322278		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/PT/FLK14/8IM/PLC	479	2904282		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/8M/PLC	476	2322281		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/8M/PLC	476	2904283		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/8P/PLC	476	2322294		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/8P/PLC	476	2904284		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		FLKM 14/8M/SI/PLC	478	2294487		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
	aktiv / active	UMK-8RM/MR-G24/1/PLC	492	2979469		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/RT-G24/21/PLC	493	2968386		X	X	X	X	X							X	X	X	X				X	X
		UMK-8RM/KSR-G24/21/PLC	494	2979485		X	X	X	X	X							X	X	X	X				X	X
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187		X	X	X	X	X							X	X	X	X				X	X
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463		X	X	X	X	X							X	X	X	X				X	X
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893		X	X	X	X	X							X	X	X	X				X	X
		PLC-V8/FLK14/OUT	484	2295554		X	X	X	X	X							X	X	X	X				X	X
		VIP-8RPT-24DC/1AU/DI/PLC		2903600		X	X	X	X	X			X	X	X	X									X
		VIP-8RPT-120AC/1AU/DI/PLC		2904576		X	X	X	X	X			X	X	X	X									X
		PLC-V8/FLK14/IN	484	2296553		X	X	X	X	X			X	X	X	X									X
		PLC-V8L/FLK14/OUT	485	2299660		X	X	X	X	X							X	X	X	X				X	X

[1]) Frontadapter mit integriertem Systemkabel
[1]) Front adapter with integrated system cable

[2]) Pluslesender Betrieb
[2]) Sinking mode

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	323-1BL00-0AA0	326-1BK02-0AB0 [3]	326-1RF00-0AB0 [3]	326-2BF01-0AB0 [3]	326-2BF10-0AB0 [3]	331-1KF01-0AB0	331-7HF01-0AB0	331-7KF02-0AB0	331-7KB02-0AB0	331-7NF00-0AB0	331-7NF10-0AB0	331-7PF01-0AB0	331-7PF11-0AB0	331-7TF01-0AB0	332-5HD01-0AB0	332-5HB01-0AB0	332-5HF00-0AB0	332-7ND02-0AB0	332-8TF01-0AB0
32 Kanäle / 32 channels		VIP-PA-FLK50/...M/S7 [1])	448	Seite/page 50	X					X				X		X	X	X			X		
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51																			
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51																			
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227	X																		
		VIP-2/PT/FLK50/PLC	471	2903803	X																		
		VIP-2/SC/FLK50/LED/PLC	471	2322252	X																		
		VIP-2/PT/FLK50/LED/PLC	471	2904280	X																		
		FLKM 50/32M/PLC	477	2289719	X																		
		FLKM 50/32P/PLC	477	2291121	X																		
		FLKMS 50/32IM/PLC	480	2284523	X																		
		FLKMS 50/32IM/LA/PLC	480	2284510	X																		
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389	X																		
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614	X																		
		FLKM50/32M/SI/PLC	478	2294490	X																		
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243	X					X				X	X	X	X				X		
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804	X					X				X	X	X	X				X		
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490	X					X				X	X	X	X				X		
	aktiv / active	UMK-32RM/MR-G24/1/PLC	492	2979472																			
		UM-32RM/RT-G24/21/PLC	493	2968373																			
		UMK-16RM/KSR-G24/21/PLC	495	2979498																			
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508																			
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382																			
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379																			
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891																			
8 Kanäle / 8 channels		VIP-PA-FLK14/...M/S7 [1])	449	Seite/page 50							X	X	X					X	X	X		X	X
		VIP-PA-FLK4X14/...M/S7 [1])	449	Seite/page 50	X					X				X	X	X	X				X		
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51																			
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51																			
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/PT/2FLK14 (1-20) /S7	474	2903802	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214	X																		
		VIP-2/PT/FLK14/PLC	470	2903801	X																		
		VIP-2/SC/FLK14/LED/PLC	470	2322249	X																		
		VIP-2/PT/FLK14/LED/PLC	470	2904279	X																		
		VIP-3/SC/FLK14/8IM/PLC	479	2322278	X																		
		VIP-3/PT/FLK14/8IM/PLC	479	2904282	X																		
		VIP-2/SC/FLK14/8M/PLC	476	2322281	X																		
		VIP-2/PT/FLK14/8M/PLC	476	2904283	X																		
		VIP-2/SC/FLK14/8P/PLC	476	2322294	X																		
		VIP-2/PT/FLK14/8P/PLC	476	2904284	X																		
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265	X																		
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281	X																		
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423	X																		
		FLKM 14/8M/SI/PLC	478	2294487	X																		
	aktiv / active	UMK-8RM/MR-G24/1/PLC	492	2979469	X																		
		UM-8RM/RT-G24/21/PLC	493	2968386	X																		
		UMK-8RM/KSR-G24/21/PLC	494	2979485	X																		
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187	X																		
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463	X																		
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601	X																		
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892	X																		
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890	X																		
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893	X																		
		PLC-V8/FLK14/OUT	484	2295554	X																		
		VIP-8RPT-24DC/1AU/DI/PLC		2903600	X																		
		VIP-8RPT-120AC/1AU/DI/PLC		2904576	X																		
		PLC-V8/FLK14/IN	484	2296553	X																		
		PLC-V8L/FLK14/OUT	485	2299660	X																		

[1]) Frontadapter mit integriertem Systemkabel
[1])Front adapter with integrated system cable

[3]) Siehe Seite 38/39
[3]) See page 38/39

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	334-0CE01-0AA0	334-0KE00-0AB0	335-7HG01-0AB0	336-1HE00-0AB0 [4]	336-4GE00-0AB0 [4]	338-4BC01-0AB0	350-1AH03-0AE0	350-2AH01-0AE0	351-1AH01-0AE0	352-1AH02-0AE0	353-1AH01-0AE0	354-1AH01-0AE0	355-0VH10-0AE0	355-1VH10-0AE0	357-4AH01-0AE0
32 Kanäle / 32 channels		VIP-PA-FLK50/...M/S7 [1])	448	Seite/page 50								X							X
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51															
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51															
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227															
		VIP-2/PT/FLK50/PLC	471	2903803															
		VIP-2/SC/FLK50/LED/PLC	471	2322252															
		VIP-2/PT/FLK50/LED/PLC	471	2904280															
		FLKM 50/32M/PLC	477	2289719															
		FLKM 50/32P/PLC	477	2291121															
		FLKMS 50/32IM/PLC	480	2284523															
		FLKMS 50/32IM/LA/PLC	480	2284510															
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389															
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614															
		FLKM50/32M/SI/PLC	478	2294490															
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243								X							X
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804								X							X
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490								X							X
	aktiv / active	UMK-32RM/MR-G24/1/PLC	492	2979472															
		UM-32RM/RT-G24/21/PLC	493	2968373															
		UMK-16RM/KSR-G24/21/PLC	495	2979498															
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508															
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382															
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379															
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891															
8 Kanäle / 8 channels		VIP-PA-FLK14/...M/S7 [1])	449	Seite/page 50	X	X	X			X	X		X	X	X	X	X	X	
		VIP-PA-FLK4X14/...M/S7 [1])	449	Seite/page 50								X							X
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51															
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51															
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230	X	X	X			X	X	X	X	X	X	X	X	X	X
		VIP-2/PT/2FLK14 (1-20) /S7	474	2903802	X	X	X			X	X	X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062	X	X	X			X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214															
		VIP-2/PT/FLK14/PLC	470	2903801															
		VIP-2/SC/FLK14/LED/PLC	470	2322249															
		VIP-2/PT/FLK14/LED/PLC	470	2904279															
		VIP-3/SC/FLK14/8IM/PLC	479	2322278															
		VIP-3/PT/FLK14/8IM/PLC	479	2904282															
		VIP-2/SC/FLK14/8M/PLC	476	2322281															
		VIP-2/PT/FLK14/8M/PLC	476	2904283															
		VIP-2/SC/FLK14/8P/PLC	476	2322294															
		VIP-2/PT/FLK14/8P/PLC	476	2904284															
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265															
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281															
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423															
		FLKM 14/8M/SI/PLC	478	2294487															
	aktiv / active	UMK-8RM/MR-G24/1/PLC	492	2979469															
		UM-8RM/RT-G24/21/PLC	493	2968386															
		UMK-8RM/KSR-G24/21/PLC	494	2979485															
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187															
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463															
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601															
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892															
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890															
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893															
		PLC-V8/FLK14/OUT	484	2295554															
		VIP-8RPT-24DC/1AU/DI/PLC		2903600															
		VIP-8RPT-120AC/1AU/DI/PLC		2904576															
		PLC-V8/FLK14/IN	484	2296553															
		PLC-V8L/FLK14/OUT	485	2299660															

[1]) Frontadapter mit integriertem Systemkabel
[1]) Front adapter with integrated system cable

[4]) Siehe Seite 40/41
[4]) See page 40/41

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	CPU 312C	CPU 313C	CPU 313C-2DP	CPU 313C-2PtP	CPU 314C-2DP	CPU 314C-2PtP	321-1BH50-0AA0	321-7BH01-0AB0	321-1BH02-0AA0	321-1BH10-0AA0	321-1BL00-0AA0	321-1BP00-0AA0 [2]	322-1BH01-0AA0	322-1BH10-0AA0	322-1BP00-0AA0	322-1BP50-0AA0	322-8BF00-0AB0	322-8BH01-0AB0	322-8BH10-0AB0	322-1BL00-0AA0	323-1BH01-0AA0
32 Kanäle / 32 channels		FLKM 50-PA-S300	450	2294445	X	X	X	X	X	X					X							X	X	X	
		FLKM 50-PA-S300/SO167	452	2307662																					
		FLKM 50-PA/DO326/S7-300	452	2321952																					
		FLK 50/EZ-DR/....KONFEK	504	Seite/page 52-53	X	X	X	X	X	X					X							X	X	X	
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51															X	X					
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51												X									
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227		X	X	X	X	X					X	X			X	X				X	
		VIP-2/PT/FLK50/PLC	471	2903803		X	X	X	X	X					X	X			X	X				X	
		VIP-2/SC/FLK50/LED/PLC	471	2322252		X	X	X	X	X					X	X			X	X				X	
		VIP-2/PT/FLK50/LED/PLC	471	2904280		X	X	X	X	X					X	X			X	X				X	
		UM 45-FLK 50/32IM/ZFKDS/PLC	481	2965224		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/32M/PLC	477	2289719		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/32P/PLC	477	2291121		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/PLC	480	2284523		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/LA/PLC	480	2284510		X	X	X	X	X					X	X			X	X				X	
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389		X	X	X	X	X					X	X			X	X				X	
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614		X	X	X	X	X					X	X			X	X				X	
		FLKM50/32M/SI/PLC	478	2294490		X	X	X	X	X					X	X			X	X				X	
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243	X	X	X	X	X	X					X	X			X	X		X	X	X	
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804	X	X	X	X	X	X					X	X			X	X		X	X	X	
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490	X	X	X	X	X	X					X	X			X	X		X	X	X	
		FLKM 50/DO326/S7-300		2321965																					
	aktiv / active	UM 45-16RM/MR-G24/1/PLC	491	2962913															X	X				X	
		UM 45-16RM/MR-G24/1/E/PLC	491	2962926															X	X				X	
		UMK-32RM/MR-G24/1/PLC	492	2979472															X	X				X	
		UM-32RM/RT-G24/21/PLC	493	2968373															X	X				X	
		UMK-16RM/KSR-G24/21/PLC	495	2979498															X	X				X	
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508															X	X				X	
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382															X	X				X	
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379															X	X				X	
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891															X	X				X	
8 Kanäle / 8 channels		FLKM 14-PA-S300	451	2299770							X	X	X	X			X	X			X				X
		FLKM 50/4-FLK14/PA-S300	450	2296281		X	X	X	X	X					X							X	X	X	
		FLK 14/EZ-DR/....KONFEK	504	Seite/page 52-53		X	X	X	X	X	X	X	X	X	X		X	X			X	X	X	X	X
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51															X	X					
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51												X									
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/2FLK14 (1-20) /S7	474	2903802		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/PLC	470	2903801		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/LED/PLC	470	2322249		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/LED/PLC	470	2904279		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/SC/FLK14/8IM/PLC	479	2322278		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/PT/FLK14/8IM/PLC	479	2904282		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/8M/PLC	476	2322281		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/8M/PLC	476	2904283		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/SC/FLK14/8P/PLC	476	2322294		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-2/PT/FLK14/8P/PLC	476	2904284		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
		FLKM 14/8M/SI/PLC	478	2294487		X	X	X	X	X			X	X	X	X	X	X	X	X				X	X
	aktiv / active	UM 45-8RM/MR-G24/1/PLC	490	2962900		X	X	X	X	X							X	X	X	X				X	X
		UMK-8RM/MR-G24/1/PLC	492	2979469		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/RT-G24/21/PLC	493	2968386		X	X	X	X	X							X	X	X	X				X	X
		UMK-8RM/KSR-G24/21/PLC	494	2979485		X	X	X	X	X							X	X	X	X				X	X
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187		X	X	X	X	X							X	X	X	X				X	X
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463		X	X	X	X	X							X	X	X	X				X	X
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890		X	X	X	X	X							X	X	X	X				X	X
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893		X	X	X	X	X							X	X	X	X				X	X
		PLC-V8/FLK14/OUT	484	2295554		X	X	X	X	X							X	X	X	X				X	X
		VIP-8RPT-24DC/1AU/DI/PLC		2903600		X	X	X	X	X			X	X	X	X									X
		VIP-8RPT-120AC/1AU/DI/PLC		2904576		X	X	X	X	X			X	X	X	X									X
		PLC-V8/FLK14/IN	484	2296553		X	X	X	X	X			X	X	X	X									X
		PLC-V8L/FLK14/OUT	485	2299660		X	X	X	X	X							X	X	X	X				X	X

[2]) Pluslesender Betrieb
[2]) Sinking mode

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	323-1BL00-0AA0	326-1BK02-0AB0	326-1RF00-0AB0	326-2BF01-0AB0	326-2BF10-0AB0	331-1KF01-0AB0	331-7HF01-0AB0	331-7KF02-0AB0	331-7KB02-0AB0	331-7NF00-0AB0	331-7NF10-0AB0	331-7PF01-0AB0	331-7PF11-0AB0	331-7TF01-0AB0	332-5HD01-0AB0	332-5HB01-0AB0	332-5HF00-0AB0	332-7ND02-0AB0	332-8TF01-0AB0
32 Kanäle / 32 channels		FLKM 50-PA-S300	450	2294445	X					X				X		X	X	X				X	
		FLKM 50-PA-S300/SO167	452	2307662		X	X																
		FLKM 50-PA/DO326/S7-300	452	2321952				X	X														
		FLK 50/EZ-DR/....KONFEK	504	Seite/page 52-53	X	X	X	X	X	X				X		X	X	X				X	
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51																			
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51																			
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227	X																		
		VIP-2/PT/FLK50/PLC	471	2903803	X																		
		VIP-2/SC/FLK50/LED/PLC	471	2322252	X																		
		VIP-2/PT/FLK50/LED/PLC	471	2904280	X																		
		UM 45-FLK 50/32IM/ZFKDS/PLC	481	2965224	X																		
		FLKM 50/32M/PLC	477	2289719	X																		
		FLKM 50/32P/PLC	477	2291121	X																		
		FLKMS 50/32IM/PLC	480	2284523	X																		
		FLKMS 50/32IM/LA/PLC	480	2284510	X																		
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389	X																		
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614	X																		
		FLKM50/32M/SI/PLC	478	2294490	X																		
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243	X	X	X			X				X		X	X	X				X	
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804	X	X	X			X				X		X	X	X				X	
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490	X	X	X			X				X		X	X	X				X	
		FLKM 50/DO326/S7-300		2321965				X	X														
	aktiv / active	UM 45-16RM/MR-G24/1/PLC	491	2962913																			
		UM 45-16RM/MR-G24/1/E/PLC	491	2962926																			
		UMK-32RM/MR-G24/1/PLC	492	2979472																			
		UM-32RM/RT-G24/21/PLC	493	2968373																			
		UMK-16RM/KSR-G24/21/PLC	495	2979498																			
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508																			
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382																			
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379																			
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891																			
8 Kanäle / 8 channels		FLKM 14-PA-S300	451	2299770							X	X	X					X	X	X	X	X	
		FLKM 50/4-FLK14/PA-S300	450	2296281	X					X				X		X	X	X				X	
		FLK 14/EZ-DR/....KONFEK	504	Seite/page 52-53	X					X	X	X	X	X		X	X	X	X	X	X	X	X
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51																			
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51																			
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230	X					X	X	X	X	X		X	X	X	X	X	X	X	X
		VIP-2/PT/2FLK14 (1-20) /S7	474	2903802	X					X	X	X	X	X		X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062	X					X	X	X	X	X		X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214	X																		
		VIP-2/PT/FLK14/PLC	470	2903801	X																		
		VIP-2/SC/FLK14/LED/PLC	470	2322249	X																		
		VIP-2/PT/FLK14/LED/PLC	470	2904279	X																		
		VIP-3/SC/FLK14/8IM/PLC	479	2322278	X																		
		VIP-3/PT/FLK14/8IM/PLC	479	2904282	X																		
		VIP-2/SC/FLK14/8M/PLC	476	2322281	X																		
		VIP-2/PT/FLK14/8M/PLC	476	2904283	X																		
		VIP-2/SC/FLK14/8P/PLC	476	2322294	X																		
		VIP-2/PT/FLK14/8P/PLC	476	2904284	X																		
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265	X																		
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281	X																		
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423	X																		
		FLKM 14/8M/SI/PLC	478	2294487	X																		
	aktiv / active	UM 45-8RM/MR-G24/1/PLC	490	2962900	X																		
		UMK-8RM/MR-G24/1/PLC	492	2979469	X																		
		UM-8RM/RT-G24/21/PLC	493	2968386	X																		
		UMK-8RM/KSR-G24/21/PLC	494	2979485	X																		
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187	X																		
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463	X																		
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601	X																		
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892	X																		
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890	X																		
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893	X																		
		PLC-V8/FLK14/OUT	484	2295554	X																		
		VIP-8RPT-24DC/1AU/DI/PLC		2903600	X																		
		VIP-8RPT-120AC/1AU/DI/PLC		2904576	X																		
		PLC-V8/FLK14/IN	484	2296553	X																		
		PLC-V8L/FLK14/OUT	485	2299660	X																		

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	334-0CE01-0AA0	334-0KE00-0AB0	335-7HG01-0AB0	336-1HE00-0AB0	336-4GE00-0AB0	338-4BC01-0AB0	350-1AH03-0AE0	350-2AH01-0AE0	351-1AH01-0AE0	352-1AH02-0AE0	353-1AH01-0AE0	354-1AH01-0AE0	355-0VH10-0AE0	355-1VH10-0AE0	357-4AH01-0AE0
32 Kanäle / 32 channels		FLKM 50-PA-S300	450	2294445								X							X
		FLKM 50-PA-S300/SO167	452	2307662				X											
		FLKM 50-PA/DO326/S7-300	452	2321952															
		FLK 50/EZ-DR/....KONFEK	504	Seite/page 52-53				X				X							X
		CABLE-FCN40/1X50/.../S7-OUT	453	Seite/page 51															
		CABLE-FCN40/1X50/.../S7-IN	453	Seite/page 51															
	passiv / passive	VIP-2/SC/FLK50/PLC	471	2315227															
		VIP-2/PT/FLK50/PLC	471	2903803															
		VIP-2/SC/FLK50/LED/PLC	471	2322252															
		VIP-2/PT/FLK50/LED/PLC	471	2904280															
		UM 45-FLK 50/32IM/ZFKDS/PLC	481	2965224															
		FLKM 50/32M/PLC	477	2289719															
		FLKM 50/32P/PLC	477	2291121															
		FLKMS 50/32IM/PLC	480	2284523															
		FLKMS 50/32IM/LA/PLC	480	2284510															
		FLKMS 50/32IM/ZFKDS/PLC	480	2901389															
		FLKM 50/KDS 3-MT/PPA/PLC	482	2290614															
		FLKM50/32M/SI/PLC	478	2294490															
		VIP-2/SC/FLK50 (1-40) /S7	472	2315243				X				X							X
		VIP-2/PT/FLK50 (1-40) /S7	472	2903804				X				X							X
		FLKM 50/KDS3-MT/PPA/S7-300	482	2304490				X				X							X
		FLKM 50/DO326/S7-300		2321965															
	aktiv / active	UM 45-16RM/MR-G24/1/PLC	491	2962913															
		UM 45-16RM/MR-G24/1/E/PLC	491	2962926															
		UMK-32RM/MR-G24/1/PLC	492	2979472															
		UM-32RM/RT-G24/21/PLC	493	2968373															
		UMK-16RM/KSR-G24/21/PLC	495	2979498															
		UMK-16RM/KSR-G24/21/E/PLC	495	2979508															
		UM-16RELS/KSR-G24/21/MT/PLC	497	2962382															
		UM-16RELS/KSR-G24/21/E/MT/PLC	497	2962379															
		UM 32RM/KSR-G24/21/MS/PLC	498	2900891															
8 Kanäle / 8 channels		FLKM 14-PA-S300	451	2299770	X	X	X			X	X		X	X	X	X	X	X	
		FLKM 14-PA-S300/AN		2302722					X										
		FLKM 50/4-FLK14/PA-S300	450	2296281								X							X
		FLK 14/EZ-DR/....KONFEK	504	Seite/page 52-53	X	X	X		X	X	X	X	X	X	X	X	X	X	X
		CABLE-FCN40/4X14/.../S7-OUT	453	Seite/page 51															
		CABLE-FCN40/4X14/.../S7-IN	453	Seite/page 51															
	passiv / passive	VIP-2/SC/2FLK14 (1-20) /S7	474	2315230	X	X	X		X	X	X	X	X	X	X	X	X	X	X
		VIP-2/PT/2FLK14 (1-20) /S7	474	2903802	X	X	X		X	X	X	X	X	X	X	X	X	X	X
		FLKM-2FLK 14/KDS3-MT/PPA/S7	482	2295062	X	X	X		X	X	X	X	X	X	X	X	X	X	X
		VIP-2/SC/FLK14/PLC	470	2315214															
		VIP-2/PT/FLK14/PLC	470	2903801															
		VIP-2/SC/FLK14/LED/PLC	470	2322249															
		VIP-2/PT/FLK14/LED/PLC	470	2904279															
		VIP-3/SC/FLK14/8IM/PLC	479	2322278															
		VIP-3/PT/FLK14/8IM/PLC	479	2904282															
		VIP-2/SC/FLK14/8M/PLC	476	2322281															
		VIP-2/PT/FLK14/8M/PLC	476	2904283															
		VIP-2/SC/FLK14/8P/PLC	476	2322294															
		VIP-2/PT/FLK14/8P/PLC	476	2904284															
		VIP-3/SC/FLK14/8IM/LED/PLC	479	2322265															
		VIP-3/PT/FLK14/8IM/LED/PLC	479	2904281															
		FLKM 14/KDS 3-MT/PPA/PLC	482	2290423															
		FLKM 14/8M/SI/PLC	478	2294487															
	aktiv / active	UM 45-8RM/MR-G24/1/PLC	490	2962900															
		UMK-8RM/MR-G24/1/PLC	492	2979469															
		UM-8RM/RT-G24/21/PLC	493	2968386															
		UMK-8RM/KSR-G24/21/PLC	494	2979485															
		UMK-8RELS/KSR-G24/21-21/PLC	496	2976187															
		UM-8RELS/KSR-G24/21/MT/PLC	497	2962463															
		VIP-8RPT-24DC/21/D0/FU/PLC		2903601															
		UM-8RM/KSR-G24/21/SI/PLC	499	2900892															
		UM-8RM/KSR-G24/21/MS/PLC	498	2900890															
		UM-8RM/KSR-G24/21/MS/SI/PLC	499	2900893															
		PLC-V8/FLK14/OUT	484	2295554															
		VIP-8RPT-24DC/1AU/DI/PLC		2903600															
		VIP-8RPT-120AC/1AU/DI/PLC		2904576															
		PLC-V8/FLK14/IN	484	2296553															
		PLC-V8L/FLK14/OUT	485	2299660															

		Bezeichnung / Description	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	331-7KB81-0AB0	331-1KF01-0AB0 *	331-7KF02-0AB0	331-7KB02-0AB0	331-7TF01-0AB0	332-5HF00-0AB0 *	332-8TF01-0AB0 *
8 Kanäle/channels		FLKM 16-PA-S300/MINI-MCR	454	2314749	X		X	X	X		X
		FLKM 16-PA-331-1KF/I/MINI-MCR*	455	2318237		X					
		FLKM 16-PA-332-5HF/I/MINI-MCR*	455	2318240						X	
		FLK 16/EZ-DR/....KONFEK	506	Seite/page 55	X	X	X	X	X	X	X
	passiv / passive	MINI MCR-SL-V8-FLK16-A	94	2811268	X	X	X	X	X	X	X

Diese Module sind ausschließlich einsetzbar zur Systemverkabelung von MINI Analog-Modulen!

These modules must only be used for system cabling of MINI Analog modules!

* Für diese Baugruppen ist ausschließlich die Messart „Strom“ möglich.
* These assemblies can only be used in "current" measuring mode.

MINI Analog-Module / MINI Analog Modules

	Funktion / Function	Eingang / Input	Ausgang / Output	Schraubanschluss / Screw connection	Katalog 7-2013 Catalog 7-2013	Bestellnr. / Order No.	331-7KB81-0AB0	331-1KF01-0AB0 *	331-7KF02-0AB0	331-7KB02-0AB0	331-7TF01-0AB0	332-5HF00-0AB0 *	332-8TF01-0AB0 *
Analog IN / Analog OUT	Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier	0(4)...20 mA / 0(1)...5 V / 0(2)...10 V	0(4)...20 mA / 0(1)...5 V / 0(2)...10 V	MINI MCR-SL-UI-UI	66	2864383	X	X	X	X	X	X	X
				MINI MCR-SL-UI-UI-NC	66	2864150	X	X	X	X	X	X	X
		0...24 V/0...30 V	0(4)...20 mA / 0(1)...5 V / 0(2)...10 V	MINI MCR-SL-U-UI	70	2864053	X	X	X	X	X		
				MINI MCR-SL-U-UI-NC	70	2865007	X	X	X	X	X		
	Normsignal 3-Wege-Trennverstärker / Standard signal 3-way isolation amplifier	0...10 V	0...20 mA	MINI MCR-SL-U-I-0	71	2813512	X	X	X	X	X		
		0...10 V	4...20 mA	MINI MCR-SL-U-I-4	71	2813525	X	X	X	X	X		
		0...20 mA	0...10 V	MINI MCR-SL-I-U-0	71	2813541	X		X	X		X	X
		4...20 mA	0...10 V	MINI MCR-SL-I-U-4	71	2813538	X		X	X		X	X
		0(4)...20 mA	0(4)...20 mA	MINI MCR-SL-I-I	71	2864406	X	X	X	X	X	X	X
		0(-10)...10 V	0(-10)...10 V	MINI MCR-SL-U-U	71	2864684	X		X	X			
	Konfigurierbarer Signalverdoppler / Configurable signal duplicator	0(4)...20 mA/ 0...10 V/1...5 V	2x 0(4)...20 mA	MINI MCR-SL-UI-2I	72	2864794	X	X	X	X	X	X	X
				MINI MCR-SL-UI-2I-NC	72	2864176	X	X	X	X	X	X	X
	Speisetrenner / Repeater power supply	0(4)...20 mA	0(4)...20 mA	MINI MCR-SL-RPS-I-I	73	2864422	X	X	X	X	X	X	
	Speisetrenner HART / Repeater power supply with HART	0(4)...20 mA	0(4)...20 mA	MINI MCR-SL-RPSS-I-I	73	2864079	X	X	X	X	X	X	
	Passivtrenner einkanalig / One channel passive loop-powered isolator	0(4)...20 mA	0(4)...20 mA	MINI MCR-SL-1CP-I-I	74	2864419	X	X	X	X	X	X	X
	Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier	0...50 mV bis / to 0...3 V ± 50 mV bis / to ± 3 V	0(4)...20 mA 0(1)...5 V 0(2)...10 V -5...5 V -10...10 V	MINI MCR-SL-SHUNT-UI	68	2810858	X	X	X	X			
				MINI MCR-SL-SHUNT-UI-NC	68	2810780	X	X	X	X			
Temperature	Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer	Pt 100: -150...+850 °C 2-, 3-, 4-Leiter / wire	0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V	MINI MCR-SL-PT100-UI	78	2864435	X	X	X	X	X		
				MINI MCR-SL-PT100-UI-NC	78	2864273	X	X	X	X	X		
		Pt 100: -50...+200 °C 2-, 3-, 4-Leiter / wire	0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V	MINI MCR-SL-PT100-UI-200	77	2864309	X	X	X	X	X		
				MINI MCR-SL-PT100-UI-200-NC	77	2864370	X	X	X	X	X		
	Konfigurierbarer Loop-powered Temperaturmessumformer / Configurable loop-powered temperature measuring transducer	Pt 100: -150...+300 °C 2-, 3-, 4-Leiter / wire	4...20 mA / 20...4mA	MINI MCR-SL-PT100-LP	79	2810298	X		X	X	X		
				MINI MCR-SL-PT100-LP-NC	79	2810308	X		X	X	X		
	Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer	Thermoelement / Thermo couple Type J: -150...+1200 °C Type K: -150...+1350 °C	0(4)...20 mA/ 20...0(4) mA/ 0(1)...5 V/ 0...10 V/10...0 V	MINI MCR-SL-TC-UI	81	2864448	X	X	X	X	X		
				MINI MCR-SL-TC-UI-NC	81	2864299	X	X	X	X	X		
Potentiometer	Konfigurierbarer Potipositionsmessumformer / Configurable potiposition transducer	100 Ω ... 100 kΩ	0(4)...20 mA/ 20...0(4) mA/ 0(1)...5 V/ 0...10 V/10...0 V	MINI MCR-SL-R-UI	84	2864095	X	X	X	X	X	X	

Frontadapter mit Systemkabel für SIMATIC S7-300 / ET 200 M / Front adapter with integrated system cable SIMATIC S7-300 / ET 200 M

1 x 32 Kanäle anschaltbar / 1 x 32 channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	VIP-PA-FLK50/0,5M/S7	2322443
1,0 m	VIP-PA-FLK50/1,0M/S7	2322456
1,5 m	VIP-PA-FLK50/1,5M/S7	2322469
2,0 m	VIP-PA-FLK50/2,0M/S7	2321800
2,5 m	VIP-PA-FLK50/2,5M/S7	2322472
3,0 m	VIP-PA-FLK50/3,0M/S7	2322485
4,0 m	VIP-PA-FLK50/4,0M/S7	2322498
5,0 m	VIP-PA-FLK50/5,0M/S7	2322508
6,0 m	VIP-PA-FLK50/6,0M/S7	2322511
7,0 m	VIP-PA-FLK50/7,0M/S7	2322524
8,0 m	VIP-PA-FLK50/8,0M/S7	2322537
10 m	VIP-PA-FLK50/10,0M/S7	2322540

4 x 8 Kanäle anschaltbar / 4 x 8 channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	VIP-PA-FLK50/4X14/0,5M/S7	2322553
1,0 m	VIP-PA-FLK50/4X14/1,0M/S7	2322566
1,5 m	VIP-PA-FLK50/4X14/1,5M/S7	2322579
2,0 m	VIP-PA-FLK50/4X14/2,0M/S7	2321910
2,5 m	VIP-PA-FLK50/4X14/2,5M/S7	2322582
3,0 m	VIP-PA-FLK50/4X14/3,0M/S7	2322595
4,0 m	VIP-PA-FLK50/4X14/4,0M/S7	2322605
5,0 m	VIP-PA-FLK50/4X14/5,0M/S7	2322618
6,0 m	VIP-PA-FLK50/4X14/6,0M/S7	2322621
7,0 m	VIP-PA-FLK50/4X14/7,0M/S7	2322634
8,0 m	VIP-PA-FLK50/4X14/8,0M/S7	2322647
10 m	VIP-PA-FLK50/4X14/10,0M/S7	2322650

2 x 8 Kanäle anschaltbar / 2 x 8 channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	VIP-PA-FLK14/0,5M/S7	2322663
1,0 m	VIP-PA-FLK14/1,0M/S7	2322676
1,5 m	VIP-PA-FLK14/1,5M/S7	2322689
2,0 m	VIP-PA-FLK14/2,0M/S7	2321790
2,5 m	VIP-PA-FLK14/2,5M/S7	2322692
3,0 m	VIP-PA-FLK14/3,0M/S7	2322702
4,0 m	VIP-PA-FLK14/4,0M/S7	2322715
5,0 m	VIP-PA-FLK14/5,0M/S7	2322728
6,0 m	VIP-PA-FLK14/6,0M/S7	2322731
7,0 m	VIP-PA-FLK14/7,0M/S7	2322744
8,0 m	VIP-PA-FLK14/8,0M/S7	2322757
10 m	VIP-PA-FLK14/10,0M/S7	2322760

Systemkabel für 64-kanalige I/O-Karten der SIMATIC S7-300 / ET 200 M / System cable for 64 channel I/O-cards SIMATIC S7-300 / ET 200 M

1 x 32 Output Kanäle anschaltbar / 1 x 32 output channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/1X50/0,5M/S7-OUT	2321017
1,0 m	CABLE-FCN40/1X50/1,0M/S7-OUT	2321020
2,0 m	CABLE-FCN40/1X50/2,0M/S7-OUT	2321033
3,0 m	CABLE-FCN40/1X50/3,0M/S7-OUT	2321046
4,0 m	CABLE-FCN40/1X50/4,0M/S7-OUT	2321059
6,0 m	CABLE-FCN40/1X50/6,0M/S7-OUT	2321062
8,0 m	CABLE-FCN40/1X50/8,0M/S7-OUT	2321075
10 m	CABLE-FCN40/1X50/10,0M/S7-OUT	2321088

1 x 32 Input Kanäle anschaltbar / 1 x 32 input channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/1X50/0,5M/S7-IN	2321091
1,0 m	CABLE-FCN40/1X50/1,0M/S7-IN	2321101
2,0 m	CABLE-FCN40/1X50/2,0M/S7-IN	2321114
3,0 m	CABLE-FCN40/1X50/3,0M/S7-IN	2321127
4,0 m	CABLE-FCN40/1X50/4,0M/S7-IN	2321130
6,0 m	CABLE-FCN40/1X50/6,0M/S7-IN	2321143
8,0 m	CABLE-FCN40/1X50/8,0M/S7-IN	2321156
10 m	CABLE-FCN40/1X50/10,0M/S7-IN	2321169

4 x 8 Output Kanäle anschaltbar / 4 x 8 output channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/4X14/0,5M/S7-OUT	2321172
1,0 m	CABLE-FCN40/4X14/1,0M/S7-OUT	2321185
2,0 m	CABLE-FCN40/4X14/2,0M/S7-OUT	2321198
3,0 m	CABLE-FCN40/4X14/3,0M/S7-OUT	2321208
4,0 m	CABLE-FCN40/4X14/4,0M/S7-OUT	2321211
6,0 m	CABLE-FCN40/4X14/6,0M/S7-OUT	2321224
8,0 m	CABLE-FCN40/4X14/8,0M/S7-OUT	2321237
10 m	CABLE-FCN40/4X14/10,0M/S7-OUT	2321240

4 x 8 Input Kanäle anschaltbar / 4 x 8 input channels can be connected

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/4X14/0,5M/S7-IN	2321253
1,0 m	CABLE-FCN40/4X14/1,0M/S7-IN	2321266
2,0 m	CABLE-FCN40/4X14/2,0M/S7-IN	2321279
3,0 m	CABLE-FCN40/4X14/3,0M/S7-IN	2321282
4,0 m	CABLE-FCN40/4X14/4,0M/S7-IN	2321295
6,0 m	CABLE-FCN40/4X14/6,0M/S7-IN	2321305
8,0 m	CABLE-FCN40/4X14/8,0M/S7-IN	2321318
10 m	CABLE-FCN40/4X14/10,0M/S7-IN	2321321

Standardlängen, nicht geschirmt / Standard lengths, non-shielded

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,3 m	FLK 14/EZ-DR/ 30/KONFEK	2295729
0,5 m	FLK 14/EZ-DR/ 50/KONFEK	2288901
1,0 m	FLK 14/EZ-DR/100/KONFEK	2288914
1,5 m	FLK 14/EZ-DR/150/KONFEK	2288927
2,0 m	FLK 14/EZ-DR/200/KONFEK	2288930
2,5 m	FLK 14/EZ-DR/250/KONFEK	2288943
3,0 m	FLK 14/EZ-DR/300/KONFEK	2288956
3,5 m	FLK 14/EZ-DR/350/KONFEK	2288969
4,0 m	FLK 14/EZ-DR/400/KONFEK	2288972
4,5 m	FLK 14/EZ-DR/450/KONFEK	2290847
5,0 m	FLK 14/EZ-DR/500/KONFEK	2290834
5,5 m	FLK 14/EZ-DR/550/KONFEK	2290850
6,0 m	FLK 14/EZ-DR/600/KONFEK	2290863
8,0 m	FLK 14/EZ-DR/800/KONFEK	2299563
10 m	FLK 14/EZ-DR/1000/KONFEK	2299576
0,5 m	FLK 40/EZ-DR/ 50/KONFEK	2288985
1,0 m	FLK 40/EZ-DR/100/KONFEK	2288998
1,5 m	FLK 40/EZ-DR/150/KONFEK	2289007
2,0 m	FLK 40/EZ-DR/200/KONFEK	2289010
2,5 m	FLK 40/EZ-DR/250/KONFEK	2289023
3,0 m	FLK 40/EZ-DR/300/KONFEK	2289036
3,5 m	FLK 40/EZ-DR/350/KONFEK	2289049
4,0 m	FLK 40/EZ-DR/400/KONFEK	2289052
6,0 m	FLK 40/EZ-DR/600/KONFEK	2299589
8,0 m	FLK 40/EZ-DR/800/KONFEK	2299592
10 m	FLK 40/EZ-DR/1000/KONFEK	2299602
0,5 m	FLK 50/EZ-DR/ 50/KONFEK	2289065
1,0 m	FLK 50/EZ-DR/100/KONFEK	2289078
1,5 m	FLK 50/EZ-DR/150/KONFEK	2289081
2,0 m	FLK 50/EZ-DR/200/KONFEK	2289094
2,5 m	FLK 50/EZ-DR/250/KONFEK	2289104
3,0 m	FLK 50/EZ-DR/300/KONFEK	2289117
3,5 m	FLK 50/EZ-DR/350/KONFEK	2289120
4,0 m	FLK 50/EZ-DR/400/KONFEK	2289133
4,5 m	FLK 50/EZ-DR/450/KONFEK	2289573
5,0 m	FLK 50/EZ-DR/500/KONFEK	2289586
5,5 m	FLK 50/EZ-DR/550/KONFEK	2289599
6,0 m	FLK 50/EZ-DR/600/KONFEK	2289609
6,5 m	FLK 50/EZ-DR/650/KONFEK	2289612
7,0 m	FLK 50/EZ-DR/700/KONFEK	2289625
7,5 m	FLK 50/EZ-DR/750/KONFEK	2289638
8,0 m	FLK 50/EZ-DR/800/KONFEK	2289641
8,5 m	FLK 50/EZ-DR/850/KONFEK	2289654
9,0 m	FLK 50/EZ-DR/900/KONFEK	2289667
9,5 m	FLK 50/EZ-DR/950/KONFEK	2289670
10 m	FLK 50/EZ-DR/1000/KONFEK	2289683
0,5 m	FLK 50/4X14/EZ-DR/ 50/KONFEK	2296689
1,0 m	FLK 50/4X14/EZ-DR/ 100/KONFEK	2296692
1,5 m	FLK 50/4X14/EZ-DR/ 150/KONFEK	2296702
2,0 m	FLK 50/4X14/EZ-DR/ 200/KONFEK	2296715
2,5 m	FLK 50/4X14/EZ-DR/ 250/KONFEK	2305402
3,0 m	FLK 50/4X14/EZ-DR/ 300/KONFEK	2296728
4,0 m	FLK 50/4X14/EZ-DR/ 400/KONFEK	2296731
6,0 m	FLK 50/4X14/EZ-DR/ 600/KONFEK	2296744
8,0 m	FLK 50/4X14/EZ-DR/ 800/KONFEK	2296757
10 m	FLK 50/4X14/EZ-DR/1000/KONFEK	2296773

Standardlängen, geschirmt / Standard lengths, shielded

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	FLK 14/EZ-DR/ 50/KONFEK/S	2296977
1,0 m	FLK 14/EZ-DR/100/KONFEK/S	2296980
1,5 m	FLK 14/EZ-DR/150/KONFEK/S	2296993
2,0 m	FLK 14/EZ-DR/200/KONFEK/S	2297002
3,0 m	FLK 14/EZ-DR/300/KONFEK/S	2299013
4,0 m	FLK 14/EZ-DR/400/KONFEK/S	2299026
6,0 m	FLK 14/EZ-DR/600/KONFEK/S	2299039
8,0 m	FLK 14/EZ-DR/800/KONFEK/S	2299042
10 m	FLK 14/EZ-DR/1000/KONFEK/S	2299055
0,5 m	FLK 50/EZ-DR/ 50/KONFEK/S	2299097
1,0 m	FLK 50/EZ-DR/100/KONFEK/S	2299107
1,5 m	FLK 50/EZ-DR/150/KONFEK/S	2299110
2,0 m	FLK 50/EZ-DR/200/KONFEK/S	2299123
3,0 m	FLK 50/EZ-DR/300/KONFEK/S	2299136
4,0 m	FLK 50/EZ-DR/400/KONFEK/S	2299149
6,0 m	FLK 50/EZ-DR/600/KONFEK/S	2299152
8,0 m	FLK 50/EZ-DR/800/KONFEK/S	2299165
10 m	FLK 50/EZ-DR/1000/KONFEK/S	2299178

Standardlängen, halogenfrei / Standard lengths, halogen-free

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	FLK 14/EZ-DR/HF/ 50/KONFEK	2305952
1,0 m	FLK 14/EZ-DR/HF/100/KONFEK	2305965
1,5 m	FLK 14/EZ-DR/HF/150/KONFEK	2305978
2,0 m	FLK 14/EZ-DR/HF/200/KONFEK	2305981
2,5 m	FLK 14/EZ-DR/HF/250/KONFEK	2305994
3,0 m	FLK 14/EZ-DR/HF/300/KONFEK	2304759
4,0 m	FLK 14/EZ-DR/HF/400/KONFEK	2304762
5,0 m	FLK 14/EZ-DR/HF/500/KONFEK	2304717
6,0 m	FLK 14/EZ-DR/HF/600/KONFEK	2306003
7,0 m	FLK 14/EZ-DR/HF/700/KONFEK	2314011
8,0 m	FLK 14/EZ-DR/HF/800/KONFEK	2314024
10 m	FLK 14/EZ-DR/HF/1000/KONFEK	2314037
0,5 m	CABLE-FLK50/0,14/HF/ 0,5M	2314134
1,0 m	CABLE-FLK50/0,14/HF/ 1,0M	2314147
1,5 m	CABLE-FLK50/0,14/HF/ 1,5M	2314150
2,0 m	CABLE-FLK50/0,14/HF/ 2,0M	2314163
2,5 m	CABLE-FLK50/0,14/HF/ 2,5M	2314176
3,0 m	CABLE-FLK50/0,14/HF/ 3,0M	2314189
4,0 m	CABLE-FLK50/0,14/HF/ 4,0M	2314192
5,0 m	CABLE-FLK50/0,14/HF/ 5,0M	2314202
6,0 m	CABLE-FLK50/0,14/HF/ 6,0M	2314215
7,0 m	CABLE-FLK50/0,14/HF/ 7,0M	2314228
8,0 m	CABLE-FLK50/0,14/HF/ 8,0M	2314231
10 m	CABLE-FLK50/0,14/HF/10,0M	2314244

Hinweis:
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich. Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder phoenixcontact.net/products.

Note:
VARIOFACE system cable are also availabe with other lengths. For further informationen please see the Phoenix Contact catalog 7 or phoenixcontact.net/products.

SLC 500 Kabel / SLC 500 Cable

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	FLK 40/EZ-DR/ 50/SLC	2294610
1,0 m	FLK 40/EZ-DR/100/SLC	2294623
1,5 m	FLK 40/EZ-DR/150/SLC	2294636
2,0 m	FLK 40/EZ-DR/200/SLC	2294649
3,0 m	FLK 40/EZ-DR/300/SLC	2294652
0,5 m	FLK 40/4X14/EZ-DR/ 50/OB32	2296786
1,0 m	FLK 40/4X14/EZ-DR/100/OB32	2298483
2,0 m	FLK 40/4X14/EZ-DR/200/OB32	2298522
3,0 m	FLK 40/4X14/EZ-DR/300/OB32	2298535
0,5 m	FLK 40/4X14/EZ-DR/ 50/IB32	2296812
1,0 m	FLK 40/4X14/EZ-DR/100/IB32	2296825
2,0 m	FLK 40/4X14/EZ-DR/200/IB32	2296838
3,0 m	FLK 40/4X14/EZ-DR/300/IB32	2296841

OMRON Kabel / OMRON Cable

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
1,0 m	CABLE-FCN24/2X14/100/OMR-OUT	2304225
2,0 m	CABLE-FCN24/2X14/200/OMR-OUT	2304238
1,0 m	CABLE-FCN24/2X14/100/OMR-IN	2304241
2,0 m	CABLE-FCN24/2X14/200/OMR-IN	2304254
1,0 m	CABLE-FCN40/4X14/100/OMR-OUT	2304186
2,0 m	CABLE-FCN40/4X14/200/OMR-OUT	2304199
1,0 m	CABLE-FCN40/4X14/100/OMR-IN	2304209
2,0 m	CABLE-FCN40/4X14/200/OMR-IN	2304212
1,0 m	FLK 50/EZ-DR/FCN40/100/OMR-	2304144
2,0 m	FLK 50/EZ-DR/FCN40/200/OMR-	2304157
1,0 m	FLK 50/EZ-DR/FCN40/100/OMR-IN	2304160
2,0 m	FLK 50/EZ-DR/FCN40/200/OMR-IN	2304173

Melsec Q Kabel / Melsec Q Cable

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-D37-M2,5/4X14/ 50/Y81P-O	2302476
1,0 m	CABLE-D37-M2,5/4X14/100/Y81P-O	2302489
2,0 m	CABLE-D37-M2,5/4X14/200/Y81P-O	2302492
3,0 m	CABLE-D37-M2,5/4X14/300/Y81P-O	2302502
0,5 m	CABLE-D37-M2,5/4X14/ 50/X81-I	2302515
1,0 m	CABLE-D37-M2,5/4X14/100/X81-I	2302528
2,0 m	CABLE-D37-M2,5/4X14/200/X81-I	2302531
3,0 m	CABLE-D37-M2,5/4X14/300/X81-I	2302544
0,5 m	FLK 50/EZ-DR/D37SUB/ 50/Y81P-O	2302599
1,0 m	FLK 50/EZ-DR/D37SUB/100/Y81P-O	2302609
2,0 m	FLK 50/EZ-DR/D37SUB/200/Y81P-O	2302612
3,0 m	FLK 50/EZ-DR/D37SUB/300/Y81P-O	2302638
0,5 m	FLK 50/EZ-DR/D37SUB/ 50/X81-I	2302641
1,0 m	FLK 50/EZ-DR/D37SUB/100/X81-I	2302654
2,0 m	FLK 50/EZ-DR/D37SUB/200/X81-I	2302667
3,0 m	FLK 50/EZ-DR/D37SUB/300/X81-I	2302670

Melsec L / Q und Honeywell ML 200 Kabel / Melsec L / Q and Honeywell ML 200 cable

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/1X50/ 0,5M/IM/MEL	2903468
1,0 m	CABLE-FCN40/1X50/ 1,5M/IM/MEL	2903469
2,0 m	CABLE-FCN40/1X50/ 2,0M/IM/MEL	2903470
0,5 m	CABLE-FCN40/1X50/ 0,5M/IP/MEL	2903476
1,0 m	CABLE-FCN40/1X50/ 1,5M/IP/MEL	2903477
2,0 m	CABLE-FCN40/1X50/ 2,0M/IP/MEL	2903478
0,5 m	CABLE-FCN40/4x14/ 0,5M/IM/MEL	2903502
1,0 m	CABLE-FCN40/4x14/ 1,5M/IM/MEL	2903503
2,0 m	CABLE-FCN40/4x14/ 2,0M/IM/MEL	2903504

MODICON M340 Kabel / MODICON M340 Cable

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	CABLE-FCN40/1X50/0,5M/M340	2321635
1,5 m	CABLE-FCN40/1X50/1,0M/M340	2321648
2,0 m	CABLE-FCN40/1X50/2,0M/M340	2321651
0,5 m	CABLE-FCN40/4X14/0,5M/M340	2321716
1,0 m	CABLE-FCN40/4X14/1,0M/M340	2321729
2,0 m	CABLE-FCN40/4X14/2,0M/M340	2321732

Systemkabel für MINI Analog / System cable for MINI Analog

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	FLK 16/EZ-DR/ 50/KONFEK	2299291
1,0 m	FLK 16/EZ-DR/100/KONFEK	2299301
1,5 m	FLK 16/EZ-DR/150/KONFEK	2299314
2,0 m	FLK 16/EZ-DR/200/KONFEK	2299327

Systemkabel für AXIOLINE / System cable for AXIOLINE

Länge: / length:	Bezeichnung / Description	Bestellnr. / Order No.
0,5 m	VIP-CAB-FLK14/AXIO/0,14/0,5M	2901604
1,0 m	VIP-CAB-FLK14/AXIO/0,14/1,0M	2901605
1,5 m	VIP-CAB-FLK14/AXIO/0,14/1,5M	2901606
2,0 m	VIP-CAB-FLK14/AXIO/0,14/2,0M	2901607

Hinweis:
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich. Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder phoenixcontact.net/products.

Note:
VARIOFACE system cable are also availabe with other lengths. For further informationen please see the Phoenix Contact catalog 7 or phoenixcontact.net/products.

PLC-Universal-Baureihe

Die Universal-Baureihe ist als Ein- oder Ausgabeinterface einsetzbar. Sie besteht aus einer Grundklemme mit steckbarem Miniaturrelais (Wechslerkontakt) oder mit steckbarem Solid-State-Relais.

PLC Universal Series

The universal series can be used either as an input or output interface. It comprises a basic terminal block with pluggable miniature relay (PDT contact) or pluggable solid state relay.

PLC-Aktor-Baureihe

Bei Anwendungen als Schnittstelle zwischen SPS und Aktoren, wie Motoren, Schützen oder Magnetventilen, wird meist nur eine Schließerfunktion benötigt. Eingesetzt wird hier das Ausgabeinterface PLC…ACT. Alle Anschlüsse der Aktoren, also auch der Lastrückleiter, werden direkt angeschlossen. Damit entfallen zusätzliche Abgangsklemmen.

PLC Actuator Series

In interface applications between the PLC and the actuators, such as motors, contactors or solenoid valves, often only an N/O function is required. The PLC-...ACT output interface is used here. All the actuator connections, including the load return line, are connected directly. This eliminates the need for additional output terminal blocks.

PLC-Sensor-Baureihe

Bei Anwendungen als Schnittstelle zwischen SPS und Sensoren, wie Näherungsschalter, Endschaltern oder Hilfskontakten, wird meist nur eine Schließerfunktion benötigt. Eingesetzt wird hier das Eingabeinterface PLC…SEN. Alle Anschlüsse der Sensoren, also auch die Einspeisung der Versorgungsspannung für die Sensoren/Schalter, werden direkt angeschlossen. Damit entfallen zusätzliche Reihenklemmen.

PLC Sensor Series

In interface applications between the PLC and the sensors, such as proximity switches, limit switches or auxiliary contacts, often only an N/O function is required. The PLC-...SEN input interface is used here. All the sensor connections, including the voltage supply for the sensors/switches, are connected directly. This eliminates the need for additional modular terminal blocks.

Anschlussart: / Connection method:
- Schraubanschluss / Screw connection
- Zugfederanschluss / Spring-cage connection
- Push-in-Anschluss / Push-in connection

Systemverkabelung für PLC-Serie / System Cabling for PLC Series

Baureihe / Series	Funktion / Function	Kontakt / Contact type	Eingang / Input	Ausgang / Output	Bezeichnung / Description Anschlussart: / Connection method: PLC-R... SC ≙ Schraube / Screw SP ≙ Zugfeder / Spring-cage PT ≙ Push-in	Katalog 7-2013 Catalog 7-2013	Schraube / Srew	Zugfeder / Spring-cage	Push-in	PLC-V8...OUT(/M)	PLC-V8...IN(/M)	PLC-V8L...OUT(/M)
Universal	Relais / Relay	1 Wechsler / 1 PDT	24 V DC	250 V AC/DC / 6 A	PLC-R...-24DC/21	322	2966171	2966472	2900299	X		
			24 V DC	250 V AC/DC / 10 A	PLC-R...-24DC/21HC	333	2967620	2912277	2900291			X
			12 V DC	30 V AC/36 V DC / 50 mA	PLC-R...-12DC/21AU		2966919	2967442	2900317		X	
			24 V DC	30 V AC/36 V DC / 50 mA	PLC-R...-24DC/21AU	323	2966265	2966540	2900306	X	X	
			24 V AC/DC	30 V AC/36 V DC / 50 mA	PLC-R...-24UC/21AU	323	2966278	2966553	2900307	X	X	
			48 V DC	30 V AC/36 V DC / 50 mA	PLC-R...-48DC/21AU	323	2966126	2966566	2900308		X	
			60 V DC	30 V AC/36 V DC / 50 mA	PLC-R...-60DC/21AU	323	2966142	2966579	2900309		X	
			120 V AC/DC	30 V AC/36 V DC / 50 mA	PLC-R...-120UC/21AU	323	2966281	2966582	2900310		X	
			230 V AC/DC	30 V AC/36 V DC / 50 mA	PLC-R...-230UC/21AU	323	2966294	2966647	2900311		X	
			120 V AC	30 V AC/36 V DC / 50 mA[2])	PLC-B...-120UC/21/SO46	334	2980319[4])	2980351[4])	2900453[4])		X	
			230 V AC	30 V AC/36 V DC / 50 mA[2])	PLC-B...-230UC/21/SO46	334	2980335[4])	2980377[4])	2900455[4])		X	
		2 Wechsler / 2 PDTs	24 V DC	250 V AC/DC / 6 A	PLC-R...-24DC/21-21	323	2967060	2912507	2900330			X
			24 V DC	30 V AC/DC / 50 mA	PLC-R...-24DC/21-21AU	323	2967125	2912578	2900338			X
	Relais-Schalter / Relay Switch	1 Schließer / 1 N/O contact	24 V AC/DC	250 V AC/DC / 6 A	PLC-R...-24UC/1/S/H	350	2982236	2982249	2900328	X		
			24 V AC/DC	250 V AC/DC / 6 A	PLC-R...-24UC/1/S/L	350	2834876	2834889	2900327	X		
	Optokoppler / Solid-state relay	1 Schließer, elektronisch / 1 N/O contact, electronic	24 V DC	24 V DC / 3 A	PLC-O...-24DC/24DC/2	325	2966634	2967471	2900364	X		
			24 V DC	24 V DC / 10 A	PLC-O...-24DC/24DC/10/R	353	2982702	2982715	2900398	X		
			24 V DC	250 V AC / 0,75 A	PLC-O...-24DC/230AC/1	325	2967840	2967895	2900369	X		
			24 V DC	300 V DC / 1 A	PLC-O...-24DC/300DC/1	352	2980678	2980830	2900383	X		
			24 V DC	48 V DC / 100 mA	PLC-O...-24DC/48DC/100	324	2966728	2967549	2900352	X	X	
			48 V DC	48 V DC / 100 mA	PLC-O...-48DC/48DC/100	324	2966993	2967743	2900353		X	
			60 V DC	48 V DC / 100 mA	PLC-O...-60DC/48DC/100	324	2967455	2967756	2900354		X	
			120 V AC/DC	48 V DC / 100 mA	PLC-O...-120UC/48DC/100	324	2966744	2967552	2900355		X	
			230 V AC/DC	48 V DC / 100 mA	PLC-O...-230UC/48DC/100	324	2966757	2967565	2900356		X	
			NAMUR	24 V DC / 50 mA	PLC-...-EIK 1-SVN 24P/P	364	2982663	2982676	2900397		X	
			120 V AC	48 V DC / 100 mA[3])	PLC-B...-120UC/21/SO46	334	2980319[4])	2980351[4])	2900453[4])		X	
			230 V AC	48 V DC / 100 mA[3])	PLC-B...-230UC/21/SO46	334	2980335[4])	2980377[4])	2900455[4])		X	
		1 Wechsler, elektronisch / 1 PDT, electronic	24 V DC	48 V DC / 0,5 A	PLC-O...-24DC/48DC/500/W	353	2980636	2980649	2900378	X		
	Durchgang / Feed-Through	–	250 V AC/DC	250 V AC/DC	PLC-VT	486	2296870	–	–	X	X	
			24 V DC	24 V DC	PLC-VT/LA	486	2296854	–	–	X	X	
Aktor / Actuator	Relais / Relay	1 Schließer / 1 N/O contact	24 V DC	250 V AC/DC / 6 A	PLC-R...-24DC/1/ACT	326	2966210	2967345	2900312	X		
			24 V DC	250 V AC/DC / 10 A (80 A; 20 ms)	PLC-R...-24DC/1IC/ACT	332	2967604	2912413	2900298			X
		2 Schließer / 2 N/O contacts	24 V DC	250 V AC/DC / 6 A	PLC-RSC-24DC/1-1/ACT	327	2967109					X
	Optokoppler / Solid-state relay	1 Schließer, elektronisch / 1 N/O contact, electronic	24 V DC	24 V DC / 3 A	PLC-O...-24DC/24DC/2/ACT	327	2966676	2967507	2900376	X		
			24 V DC	24 V DC / 5 A	PLC-OSC-24DC/24DC/5/ACT	328	2982786	–	–			X
			24 V DC	250 V AC / 0,75 A	PLC-OSC-24DC/230AC/1/ACT	327	2967947	–	–	X		
			24 V DC	250 V AC / 2 A	PLC-OSC-24DC/230AC/2/ACT	328	2982760	–	–			X
	Durchgang / Feed-Through	–	250 V AC/DC	250 V AC/DC	PLC-VT/ACT	487	2295567	–	–	X		
			24 V DC	24 V DC	PLC-VT/ACT/LA	487	2296867	–	–	X		
Sensor[1])	Relais / Relay	1 Schließer / 1 N/O contact	24 V DC	30 V AC/36 V DC / 50 mA	PLC-R...-24DC/1AU/SEN	330	2966317	2967374	2900313		X	
			120 V AC/DC	30 V AC/36 V DC / 50 mA	PLC-R...-120UC/1AU/SEN	330	2966320	2967390	2900314		X	
			230 V AC/DC	30 V AC/36 V DC / 50 mA	PLC-R...-230UC/1AU/SEN	330	2966333	2967413	2900315		X	
			120 V AC	30 V AC/36 V DC / 50 mA[2])	PLC-B...-120UC/1/SEN/SO46	335	2980322[4])	2980364[4])	2900456[4])		X	
			230 V AC	30 V AC/36 V DC / 50 mA[2])	PLC-B...-230UC/1/SEN/SO46	335	2980348[4])	2980380[4])	2900457[4])		X	
	Optokoppler / Solid-state relay	1 Schließer, elektronisch / 1 N/O contact, electronic	24 V DC	48 V DC / 100 mA	PLC-O...-24DC/48DC/100/SEN	331	2966773	2967578	2900358		X	
			120 V AC/DC	48 V DC / 100 mA	PLC-O...-120UC/48DC/100/SEN	331	2966799	2967581	2900359		X	
			230 V AC/DC	48 V DC / 100 mA	PLC-O...-230UC/48DC/100/SEN	331	2966809	2967594	2900361		X	
			120 V AC	48 V DC / 100 mA[3])	PLC-B...-120UC/1/SEN/SO46	335	2980322[4])	2980364[4])	2900456[4])		X	
			230 V AC	48 V DC / 100 mA[3])	PLC-B...-230UC/1/SEN/SO46	335	2980348[4])	2980380[4])	2900457[4])		X	

[1]) Nicht mischbar mit der Universal-Baureihe (innerhalb eines Bytes)
[1]) cannot be mixed with the universal series (within a byte)

[2]) Steckbarer Miniaturrelaiseinsatz: REL-MR-60DC/21AU, 2961134
[2]) Pluggable miniature relays: REL-MR-60DC/21AU, 2961134

[3]) Steckbarer Solid-State-Relaiseinsatz: OPT-60DC/48DC/100, 2966621
[3]) Pluggable solid-state relays: OPT-60DC/48DC/100, 2966621

[4]) PLC-...SO46 wird als Grundklemme mit Filter, aber ohne Relais- oder Solid-State-Relais-Bestückung geliefert.
[4]) PLC-...SO46 is supplied as a basic terminal block with filter, but without relay or solid-state relay.

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
32825 Blomberg, Deutschland
Phone: +49 (0) 52 35/3-00
Fax: +49 (0) 52 35/3-4 12 00
E-Mail: info@phoenixcontact.com
phoenixcontact.com

IF 12-14.000.L6
MNR 52000661/2014-04-01/06
Printed in Germany
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Телефон: 8 (812) 309-75-97 (многоканальный)
Факс: 8 (812) 320-03-32
Электронная почта: ocean@oceanchips.ru
Web: http://oceanchips.ru/
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А