

Fieldbus coupler
PROFIBUS - safe



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Documentation



- Inline PROFIBUS bus coupler
- 8 inputs: 24 V DC
- 4 outputs: 24 V DC, 500 mA
- 2-, 3-wire connection
- Complete with accessories (connection plug and labeling field)
- Consecutive terminal point labeling

Technical data

	R-IL PB BK DI8 DO4/CN-PAC
Interfaces	
Fieldbus system	PROFIBUS
Connection type	D-SUB socket, 9-pin
Local bus interface	
Designation	Local bus
Number of participants per station	Max. 63 (incl. 2 at bus coupler)
Connection type	Inline data jumper
Supply for module electronics	
Supply voltage	24 V DC
Supply voltage range	19 ... 30 V DC
Error message to the higher level systems	Short-circuit/overload
Current consumption from U_{BK}	Max. 0.98 A
Power supply to U_M	Max. 8 A
Logic voltage U_L	7.5 V (transformed from external 24 V DC)
Power supply to U_S	Max. 8 A
Power supply to U_L	Max. 0.8 A
Power supply to U_{ANA}	Max. 0.5 A
Peripheral supply voltage U_{ANA}	24 V DC
Digital inputs	
Connection technology of the sensors	2-, 3-wire connection
Connection type	Spring-cage connection
Interpretation	Acc. to EN 61131-2 type 1
Nominal input voltage U_{INenn}	24 V DC
Nominal input current at U_{INenn}	Typ. 3 mA
Digital outputs	
Connection technology of the actuators	2-, 3-wire connection
Connection type	Spring-cage connection
Nominal output voltage U_{Out}	24 V DC

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Rated current I_{Nenn} each channel	0,5 A
Total current of the outputs	2 A
Protection	Short-circuit/overload
Environmental conditions	
Permissible temperature (operation)	-25 ... +55 °C
Permissible humidity (operation)	5 to 90%, no dewing
Protection category	IP20

Dimensions

		R-IL PB BK DI8 DO4/CN-PAC
Dimensions		
Height H	[mm]	121
Width B	[mm]	80
Length T	[mm]	70

Ordering information

Type code	Description	Material number:
R-IL PB BK DI8 DO4/CN-PAC	Inline PROFIBUS bus coupler DP/V1	R911172194

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It must be remembered that our products are subject to a natural process of wear and aging.