

Befestigung am D-Sub der PROFIBUS-Schnittstelle
Anzugsmoment der Rändel-
 Verriegelungsschraube
 max. 0,3 Nm



EPIC® Data

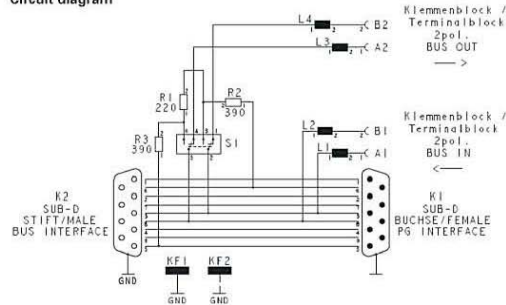
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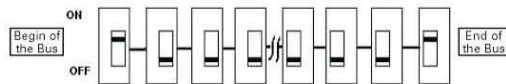
Mounting Instruction: PROFIBUS fully metallized conn. 35° PG Spring Type

Designation	Art.- No.:
ED-PB-35-PG-ST-PRO	21700564

Circuit diagram



Bus Termination



BZ21700564DE_EN

2012 V0.1

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Technical Data	
Profibus DP Interface	D-Sub, 9-pin, male
Profibus DP PG Interface	D-Sub, 9-pin, female
Profibus Cable Interface	Internal cable clamp for bus cable Cage clamp terminal for single wire
Cable diameter	8 - 9 mm
Wire size	0,08 - 0,5 mm² (AWG 28 - AWG 14)
Termination	Switchable termination with resistors according to Profibus specification
Data transmission rate	According to Profibus specification, up to 12 MBit/s
Temperature range	-20 °C - +70 °C
Permissible humidity	Max. 75 % at +25 °C, non-condensing
Protection class	IP 30
Mechanical lifetime contacts	200 Mating cycles
Housing material	ZnAl
D-Sub screw	#4/40 UNC
Torque of knurled locking screw	Max. 0,3 Nm
CE marking	Connectors are passive components and do not need to be identified with the CE marking according to EU directives.
Dimensions	64,6 x 42 x 16,8 mm

Mounting Instructions

	Remove the 2 fixing screws with Pozidriv screwdriver PZ1.
	Bus connector in open condition without housing cover and without shield clamp. The terminals A1, A2, B1, B2 are closed.

	Strip off PROFIBUS cable sheath In one step with multi-stage strip tool. (recommended: LAPPKABEL FC Strip #21124030) or with standard strip tool in a few steps. Strip off single wires to 6 +/- 1mm (recommended: LAPPKABEL Easy Strip #61735800).
	Opening of cage clamp terminals To open the terminals insert screwdriver with blade 2,5 x 0,4 into the white locking slide and move them forward (towards the cable output).
	Insert stripped wires for the ingoing cable into the clamps A1 and B1 (2), and close the terminals (3).
	Insert stripped wires for the outgoing cable into the clamps A2 and B2 (2), and close the terminals (3).

	Turn on shield clamp Take care, that the cable shield lay fully on front cable shield support (see left picture). Lock on the 2 fixing screws with Pozidriv screwdriver PZ1. Torque max. 0.3 Nm.
	Locking of housing cover Lock on the 2 fixing screws with Pozidriv screwdriver PZ1. Torque max. 0.3 Nm.
	Bus termination (termination resistors) Off/ON For the bus termination with active termination move the switch lever to position "ON". For the bus termination for the 1st participant on the input side the output bus cable needs to be terminated on the input side (1) and move the switch lever to the position "ON".
	Mounting of the D-Sub of the PROFIBUS interface Torque of knurled locking screw max. 0.3 Nm.