

Model number

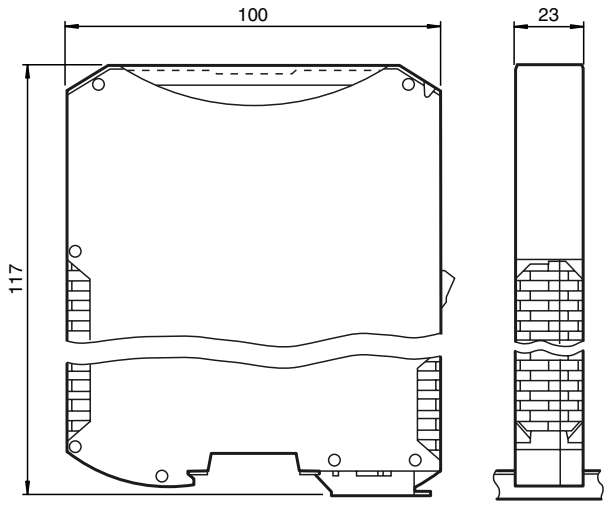
WCS-PG310

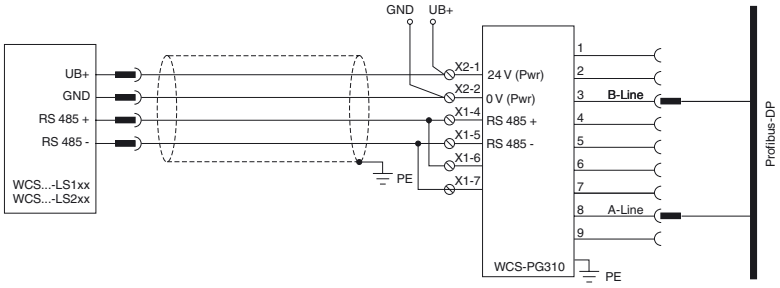
WCS Profibus interface module

Features

- Up to 4 read heads can be connected
- DIN rail mounting
- Integrated switch
- PROFIBUS interface

Dimensions





Technical data

General specifications		
Installation		DIN rail mounting
Functional safety related parameters		
$MTTF_d$		180 a
Mission Time (T_M)		20 a
Diagnostic Coverage (DC)		0 %
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Power consumption	P_0	≤ 3.6 W (without read heads)
Interface 1		
Connection of		control system
Interface type		PROFIBUS DP V1
Transfer rate		max. 12 MBit/s , Automatic baud rate detection
Data output format		binary code
Bus termination resistor		switchable
Interface 2		
Connection of		control system
Connectable read heads		WCS...-LS221 , WCS...-LS121
Interface type		RS-485
Transmission method		half duplex
Transfer rate		62.5 kBit/s
RS485 termination resistor		switchable
Refresh cycle of read head		1 ms
Standard conformity		
Emitted interference		EN 55011, cl. A: 2007
Noise immunity		EN 61000-6-2:2005
Ambient conditions		

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Operating temperature	0 ... 55 °C (32 ... 131 °F) , no moisture condensation
Storage temperature	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	≤ 80 %
Mechanical specifications	
Connection type	Interface 1: 9-pin Sub-D connector Interface 2: terminal connection ≤ 2.5 mm^2 , 7-pin
Housing width	23 mm
Housing height	111 mm
Housing depth	115 mm
Degree of protection	IP20
Material	plastic
Installation position	any position
Mass	approx. 200 g

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USA: +1 330 486 0001 fa-info@us.pepperl-fuchs.com
Germany: +49 621 776-4411 fa-info@pepperl-fuchs.com
Singapore: +65 6779 9091 fa-info@sg.pepperl-fuchs.com
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