



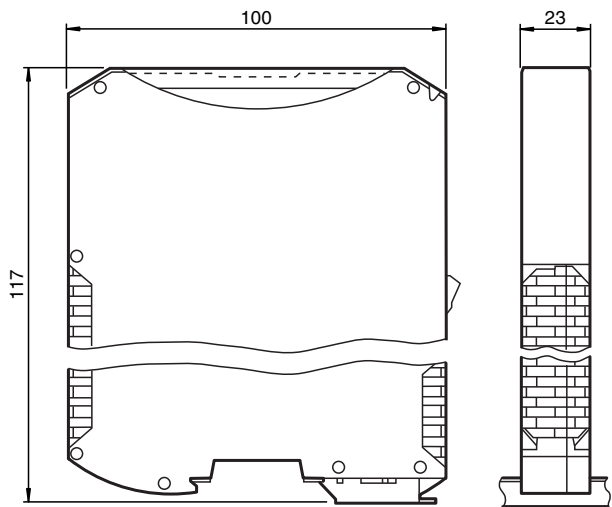
Interface module VLX-F231-B6

- Up to 4 sensors can be connected
- DIN rail mounting
- PROFIBUS interface

Interface module with PROFIBUS interface for SmartRunner



Dimensions



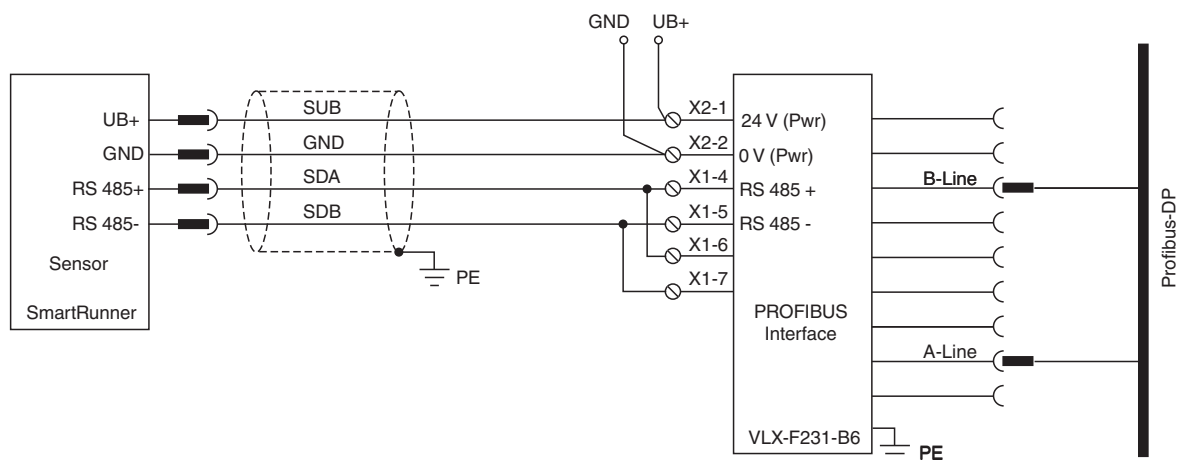
Technical Data

General specifications		
Installation		DIN rail mounting
Functional safety related parameters		
MTTF _d		180 a
Mission Time (T _M)		10 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		

Technical Data

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		sensor
Interface type		RS-485
Transmission method		half duplex
Transfer rate		230 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
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Operating temperature		-40 ... 85 °C (-40 ... 185 °F) , no moisture condensation
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		≤ 80 %
Mechanical specifications		
Connection type		Interface 1: 9-pin Sub-D connector Interface 2: terminal connection ≤ 2.5 mm ² Interface 3: Terminal connection, 2-pin
Housing width		23 mm
Housing height		100 mm (without plug-in screw connector) 111 mm (incl. plug-in screw connector)
Housing depth		117 mm
Degree of protection		IP20
Material		plastic
Installation position		any position
Mass		approx. 130 g

Connection



Release date: 2023-01-09 Date of issue: 2023-01-09 Filename: 310752_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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