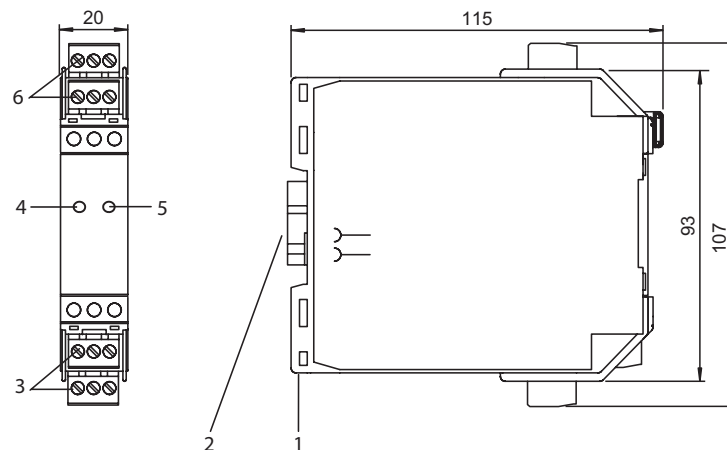


General specifications		
Design / Mounting		Cabinet installation
Supply		
Connection		Power Rail or terminals 8+, 11+; 9-, 12-
Rated voltage	U_r	10 ... 30 V DC
Rated current	I_r	350 ... 120 mA
Power dissipation		typ. ≤ 0.5 W
Fieldbus interface		
Connection		terminals 3+, 6+; 2-, 5-; 1S, 4S (S=screen connection)
Rated voltage	U_N	12 ... 13 V
Rated current	I_N	220 mA
Terminating impedance		100 Ω
Galvanic isolation		
Fieldbus segment/Supply		functional insulation acc. to IEC 62103, rated insulation voltage 250 V AC
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 61326-1:2013
Standard conformity		
Electromagnetic compatibility		NE 21:2006
Degree of protection		IEC/EN 60529
Fieldbus standard		IEC 61158-2, ISA S 50.02 part 2
Shock resistance		EN 60068-2-27
Vibration resistance		EN 60068-2-6
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		< 95 % non-condensing
Shock resistance		15 g 11 ms
Vibration resistance		1 g, 10 ... 150 Hz
Pollution degree		max. 2, according to IEC 60664
Corrosion resistance		acc. to ISA-S71.04-1985, severity level G3
Mechanical specifications		
Connection type		Terminals
Core cross-section		up to 2.5 mm ²
Housing		20 mm x 115 mm x 107 mm
Housing material		Polycarbonate
Degree of protection		IP20
Mass		approx. 210 g
Mounting		DIN rail mounting
Data for application in connection with hazardous areas		
Certificate		TÜV 06 ATEX 553079 X
Marking		Ⓔ II 3G Ex ec IIC T4 Gc
Directive conformity		
Directive 2014/34/EU		EN 60079-0:2012, EN 60079-7:2015
International approvals		
FM approval		
FM certificate		FM 19 US 0015 X and FM 19 CA 0011 X
FM marking		AEx/Ex ec IIC T4
Certificates and approvals		
Marine approval		DNV A-14038
General information		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Notes

Dimensions



Description:

- 1 Extendable lugs
- 2 Protective cap, remove for power supply via Power Rail
- 3 Removeable terminals
- 4 LED red: Fault signal
- 5 LED green: Power supply
- 6 Test plug socket; removeable terminals

LED indicators:		Conditions
green	ON	Device ready for operation
red	OFF	
green	OFF	Device not ready for operation
red	OFF	
green	OFF	OVERLOAD, load current > 250 mA typ.
red	2 Hz flashing	

Accessories

Power Rail PR-03

Power Rail UPR-03

Power Rail power feed module KFD2-EB2

Power Rail power feed module KFD2-EB.R2A.B