



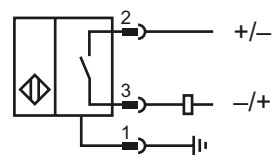
Model Number

NMB8-30GM85-US-FE-V12

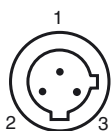
Features

- Stainless steel sensing face
- Sensing range 8 mm
- 2-wire AC/DC
- Ferrous targets

Connection



Pinout



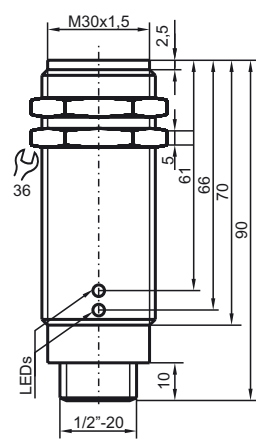
Wire colors

1	GN	(green)
2	RD/BK	(red/black)
3	RD/WH	(red/white)

Accessories

- V12-W-YE2M-PVC**
Connecting cable, 1/2" - 20 UNF, 3-pin, PVC cable
- AB-30**
Mounting aid

Dimensions



Technical Data

General specifications			
Switching element function		AC/DC	NO
Rated operating distance	s _n	8 mm	
Installation		flush	
Output polarity		AC/DC	
Assured operating distance	s _a	0 ... 6.48 mm	
Actuating element		Ferrous targets	
Reduction factor r _{Al}		0	
Reduction factor r _{Cu}		0	
Reduction factor r ₃₀₄		0.4 - 0.7	
Reduction factor r _{St37}		1	
Reduction factor r _{Brass}		0	
Nominal ratings			
Operating voltage DC		20 ... 300 V	
Operating voltage AC		20 ... 250 V	
Switching frequency	f	10 Hz	
Hysteresis	H	3 ... 15 typ. 5 %	
Reverse polarity protection		tolerant	
Short-circuit protection		yes	
Voltage drop	U _d	≤ 7 V	
Operating current	I _L	8 ... 200 mA	
Off-state current	I _r	≤ 1.3 mA	
Fault indication		LED, green/yellow (Alternate Flashing) - Short circuit/overload indication	
Indicators/operating means			
Operating display		Dual LED	
		Green: power	
		Yellow: output	
Standard conformity			
Standards		EN 60947-5-2:2007	
		IEC 60947-5-2:2007	
Ambient conditions			
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)	
Mechanical specifications			
Connection type		Device connector 1/2"-20 UN , 3-pin	
Housing material		Stainless steel 1.4305 / AISI 303	
Sensing face		Stainless steel 1.4305 / AISI 303	
Protection degree		IP67	
Approvals and certificates			
UL approval		cULus Listed, General Purpose	
CSA approval		cCSAus Listed, General Purpose	

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