



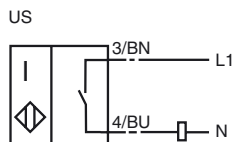
Model Number

NMB2-12GM80-US-FE-V12

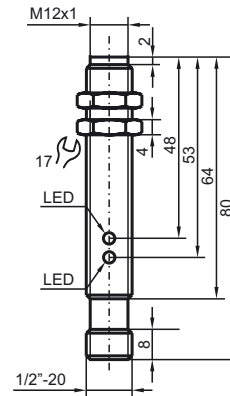
Features

- Active surface metal
- 2 mm embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function	AC/DCMake/Break function
Rated operating distance	s_n 2 mm
Installation	embed. in mild steel
Output polarity	DC
Assured operating distance	s_a 0 ... 1.62 mm
Reduction factor r_{Al}	0
Reduction factor r_{Cu}	0
Reduction factor r_{V2A}	0.8
Reduction factor r_{St37}	1
Reduction factor r_{Brass}	0

Nominal ratings

Operating voltage DC	20 ... 300 V
Operating voltage AC	20 ... 140 V
Switching frequency	f 0 ... 20 Hz
Hysteresis	H typ. 5 %
Short-circuit protection	pulsing
Voltage drop	U_d ≤ 7 V
Operating current	I_L 8 ... 200 mA
Off-state current	I_r 0 ... 1.3 mA typ.
Operating voltage display	LED, green
Indication of the switching state	LED, red

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
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Mechanical specifications

Connection type	V12 device plug
Housing material	Stainless steel
Sensing face	Stainless steel
Protection degree	IP67