

**Model Number**

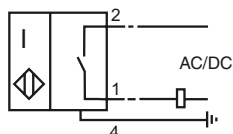
NBB4-12GM65-US-V11B

Features

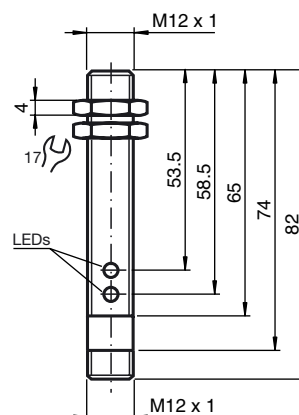
- 2-wire AC/DC
- Cylindrical
- 4 mm embeddable

Connection

US-V11B

**Accessories****EXG-12**

Mounting aid

Dimensions**Technical Data****General specifications**

Switching element function	NO
Rated operating distance	s_n 4 mm
Installation	embeddable
Output polarity	AC/DC NO
Reduction factor r_{Al}	0.5
Reduction factor r_{Cu}	0.45
Reduction factor r_{V2A}	0.75

Nominal ratings

Operating voltage	U_B	20 ... 250 V AC/20 ... 300 V DC
Switching frequency	f	30 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	U_d	≤ 8 V
Operating current	I_L	8 ... 200 mA AC/DC
Off-state current	I_r	≤ 0.8 mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

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	V11- connector
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67

Approvals and certificates

UL approval	cULus Listed, General Purpose
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