

Magnetic
Special Application

- Cylindrical housing
- Magnetic hall effect
- Extended range model



See pages
1009-1076
for cordsets



See pages
1105-1128 for
accessories



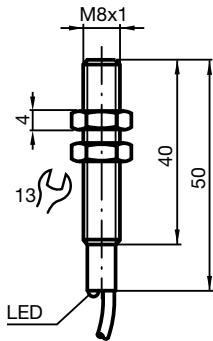
Technical Specifications

		MB60-8GM50-E2	MB60-8GM50-E2-V3	MB60-12GM50-E2	MB60-12GM50-E2-V1
Rated operating distance	60 mm	•	•	•	•
Installation	embeddable in non-magnetic metal	•	•	•	•
Switching element function	PNP NO	•	•	•	•
Operating voltage	10 ... 30 V	•	•	•	•
Operating current	0 ... 300 mA	•	•	•	•
Voltage drop	≤ 1.5 V	•	•	•	•
Switching frequency	0 ... 5000 Hz	•	•	•	•
Reverse polarity protected		•	•	•	•
Short-circuit protection	pulsing	•	•	•	•
LED indicator	yellow: switching state	•	•	•	•
Ambient temperature	-25 ... 75 °C (-13 ... 167 °F)	•	•	•	•
Housing material	brass, nickel-plated	•	•	•	•
Sensing face	PA	•	•	•	•
Protection degree	IP67	•	•	•	•
Connection type	Device connector M12 x 1 , 4-pin				•
	Device connector M8 x 1 , 3-pin		•		
	cable PUR , 2 m	•		•	
Standards	EN 60947-5-2:2007	•	•	•	•
	IEC 60947-5-2:2007	•	•	•	•

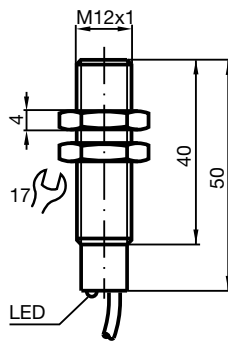


Dimensions (mm)

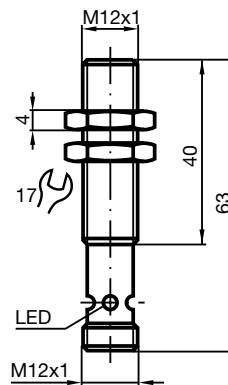
MB60-8GM50-E2



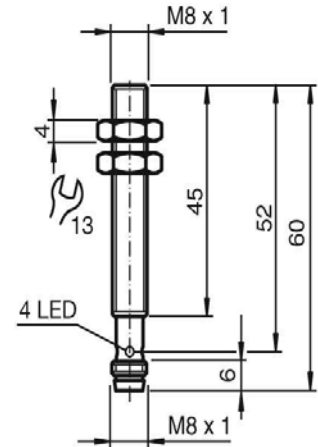
MB60-12GM50-E2



MB60-12GM50-E2-V1



MB60-8GM50-E2-V3



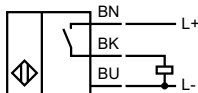
Wiring Diagrams

3-Wire DC



Cable Connection

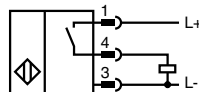
MB60-12GM50-E2
MB60-8GM50-E2



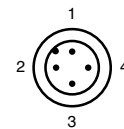
Quick Disconnect

Note: Wiring diagrams show quick disconnect pin numbers.

MB60-12GM50-E2-V1



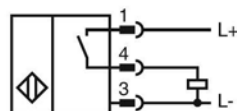
V1 Type



Wire colors in accordance with EN 60947-5-2

1	BN
2	WH
3	BU
4	BK

MB60-8GM50-E2-V3



V3 Type



Wire colors in accordance with EN 60947-5-2

1	BN
3	BU
4	BK