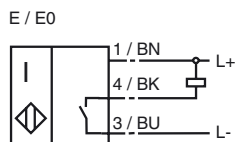
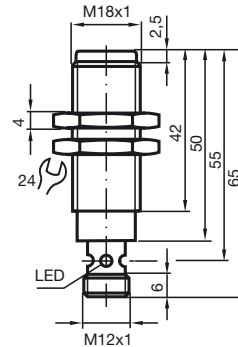


**Model Number**

NMB5-18GM65-E0-C-FE-V1

Features

- Active surface metal
- 5 mm embeddable
- 5 mm embeddable
- Resistant to welding

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

Switching element function		NPN Make function
Rated operating distance	s_n	5 mm
Installation		embed. in mild steel
Output polarity		DC
Assured operating distance	s_a	0 ... 4.05 mm
Reduction factor r_{Al}		0
Reduction factor r_{Cu}		0
Reduction factor r_{V2A}		0.8

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 10 μ A typ. 0.1 μ A at 25 °C
No-load supply current	I_0	≤ 10 mA
Constant magnetic field	B	50 mT
Alternating magnetic field	B	50 mT
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	connector M12 x 1
Housing material	Stainless steel
Sensing face	Stainless steel
Protection degree	IP67