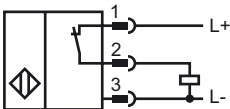
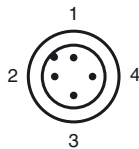


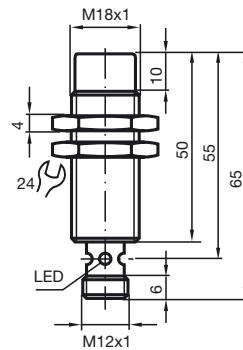
**Model Number**

NBN10-18GM50-E3-V1

Connection**Pinout**

Wire colors in accordance with EN 60947-5-2

1	BN
2	WH
3	BU
4	BK

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

Switching element function	PNP Break function
Rated operating distance	s_n 10 mm
Installation	not embeddable
Assured operating distance	s_a 0 ... 8.1 mm
Reduction factor r_{AI}	0.3
Reduction factor r_{Cu}	0.3
Reduction factor r_{V2A}	0.7

Nominal ratings

Operating voltage	U_B 10 ... 30 V
Switching frequency	f 0 ... 800 Hz
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop	U_d ≤ 3 V
Operating current	I_L 0 ... 200 mA
Off-state current	I_r 0 ... 0.5 mA typ. 0.1 μ A at 25 °C
No-load supply current	I_0 ≤ 20 mA
Indication of the switching state	Multihole-LED, yellow

Standard conformity

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

Ambient temperature	-20 ... 50 °C (253 ... 323 K)
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Mechanical specifications

Connection type	V1-connector
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67