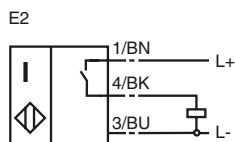


**Model Number****NEN20-18GM50-E2-V1****Features**

- Comfort series
- 20 mm not embeddable
- increased operating distance

Connection**Accessories****BF 18**

Mounting flange

V1-G

Non pre-wired cable socket

V1-W

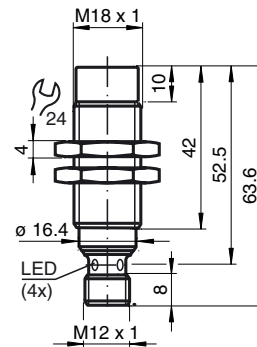
Non pre-wired cable socket

V1-G-2M-PUR

Cable connector

V1-W-2M-PUR

Cable connector

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

Switching element function	PNP	Make function
Rated operating distance	s_n	20 mm
Installation		not embeddable
Assured operating distance	s_a	0 ... 16.2 mm
Reduction factor r_{Al}		0.36
Reduction factor r_{Cu}		0.32
Reduction factor r_{V2A}		0.69

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 200 Hz
Hysteresis	H	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 ... 0.1 mA typ. 0.1 μ A at 25 °C
No-load supply current	I_0	≤ 10 mA
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	brass, chromium plated
Sensing face	PBT
Protection degree	IP67