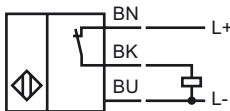
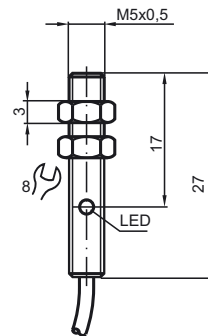


**Model Number**

NJ0,8-5GM27-E3

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

Switching element function		PNP Break function
Rated operating distance	s_n	0.8 mm
Installation		embeddable
Output polarity		switched high
Assured operating distance	s_a	0 ... 0.648 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{V2A}		0.85

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 600 Hz
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		no
Voltage drop	U_d	≤ 2.5 V
Operating current	I_L	0 ... 100 mA
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	2 m, PUR cable
Core cross-section	0.14 mm ²
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP65