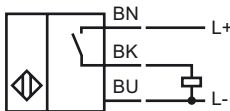




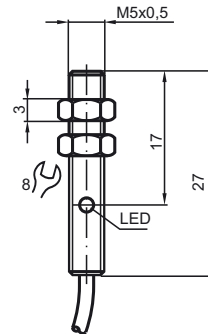
Model Number

NJ0,8-5GM27-E2

Connection



Dimensions



Technical Data

General specifications

Switching element function		PNP	Make 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
-----------	-------------------------

Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
---------------------	-------------------------------

Mechanical specifications

Connection type	2 m, PUR cable
Core cross-section	0.14 mm ²
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67