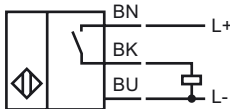
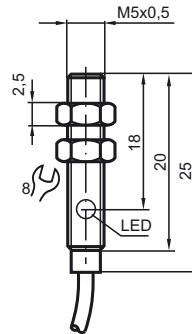


**Model Number**

NJ0,8-5GM25-E2

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

Switching element function		PNP Make function
Rated operating distance	$s_n$	0.8 mm
Installation		embeddable
Assured operating distance	$s_a$	0 ... 0.648 mm
Reduction factor $r_{Al}$		0.45
Reduction factor $r_{Cu}$		0.4
Reduction factor $r_{V2A}$		0.85

**Nominal ratings**

Operating voltage	$U_B$	10 ... 30 V
Switching frequency	$f$	0 ... 3000 Hz
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 2$ V
Operating current	$I_L$	0 ... 200 mA
Off-state current	$I_r$	0 ... 0.1 mA typ. 0.1 $\mu$ A at 25 °C
No-load supply current	$I_0$	$\leq 10$ 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, PVC cable
Core cross-section	0.14 mm <sup>2</sup>
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67