



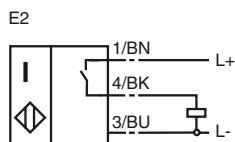
CE

**Model Number**

NJ1,5-8GM40-E2

**Features**

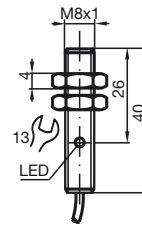
- Comfort series
- 1.5 mm embeddable

**Connection****Accessories****BF 8**

Mounting flange

**EXG-08**

Mounting aid

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

Switching element function	PNP Make function
Rated operating distance	$s_n$ 1.5 mm
Installation	embeddable
Output polarity	DC
Assured operating distance	$s_a$ 0 ... 1.215 mm
Reduction factor $r_{AI}$	0.25
Reduction factor $r_{Cu}$	0.2
Reduction factor $r_{V2A}$	0.7

**Nominal ratings**

Operating voltage	$U_B$	10 ... 60 V
Switching frequency	$f$	0 ... 500 Hz
Hysteresis	$H$	typ. 5%
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 100 mA
Off-state current	$I_r$	$\leq 10$ $\mu$ A
No-load supply current	$I_0$	$\leq 15$ 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 <sup>2</sup>
Housing material	Stainless steel
Sensing face	LCP
Protection degree	IP67