



### Model Number

NBB1,5-8GM50-E0-C

## Technical Data

### General specifications

Switching element function		NPN	NO
Rated operating distance	$s_n$	1.5 mm	
Installation		flush	
Assured operating distance	$s_a$	0 ... 1.215 mm	
Reduction factor $r_{Al}$		0.3	
Reduction factor $r_{Cu}$		0.25	
Reduction factor $r_{304}$		0.65	

### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V	
Switching frequency	$f$	0 ... 1800 Hz	
Reverse polarity protection		reverse polarity protected	
Short-circuit protection		pulsing	
Voltage drop	$U_d$	$\leq 3$ V	
Operating current	$I_L$	0 ... 100 mA	
No-load supply current	$I_0$	$\leq 20$ mA	
Alternating magnetic field	$B$	150 mT	
Switching state indicator		LED, yellow	

### Standard conformity

Standards	IEC / EN 60947-5-2:2004		
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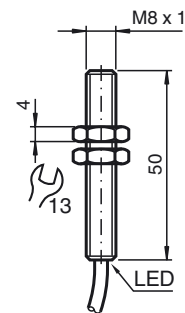
### Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)		
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### Mechanical specifications

Core cross-section	0.14 mm <sup>2</sup>		
Housing material	Brass, PTFE coated		
Sensing face	PPS; Ryton R4		
Degree of protection	IP67		

## Dimensions



## Electrical Connection

