



Model Number

NBB0,8-4M25-E3

Features

- 0.8 mm flush

Accessories

BF 4

Mounting flange, 4 mm

Technical Data

General specifications

Switching element function		PNP	NC
Rated operating distance	s_n	0.8 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 0.648 mm	
Reduction factor r_{Al}		0.45	
Reduction factor r_{Cu}		0.4	
Reduction factor r_{304}		0.77	

Nominal ratings

Operating voltage	U_B	10 ... 30 V	
Switching frequency	f	0 ... 3000 Hz	
Hysteresis	H	typ. 5%	
Reverse polarity protection		reverse polarity protected	
Short-circuit protection		pulsing	
Voltage drop	U_d	≤ 3 V	
Operating current	I_L	0 ... 200 mA	
Off-state current	I_r	0 ... 0.1 mA typ. 0.1 μ A at 25 °C	
No-load supply current	I_0	≤ 10 mA	
Switching state indicator		LED, yellow	

Ambient conditions

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

Connection type		cable PVC , 2 m
Core cross-section		0.14 mm ²
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PC
Degree of protection		IP67

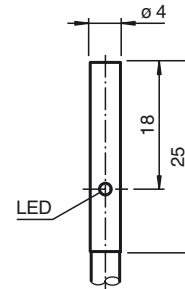
Compliance with standards and directives

Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤ 36 V

Dimensions



Electrical Connection

