



Model Number

NBB0,6-5GS20-E2

Features

- 0.6 mm flush
- Stainless steel housing

Accessories

BF 5

Mounting flange, 5 mm

Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	0.6 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 0.486 mm	
Reduction factor r_{Al}		0.2	
Reduction factor r_{Cu}		0.15	
Reduction factor r_{304}		0.6	
Reduction factor r_{Brass}		0.25	

Nominal ratings

Installation conditions

A	0 mm
B	0 mm
C	2 mm
F	5 mm

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 5000 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA
No-load supply current	I_0	≤ 10 mA

Limit data

Operating pressure	20 bar (290.1 psi)
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Ambient conditions

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

Connection type	cable PUR 3 x 0.14 mm ² , 2 m
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Sapphire
Degree of protection	IP68
Mass	35 g

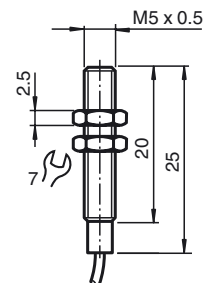
Compliance with standards and directives

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

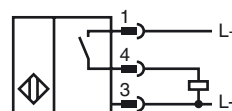
Approvals and certificates

CCC approval	CCC approval / marking not required for products rated ≤ 36 V
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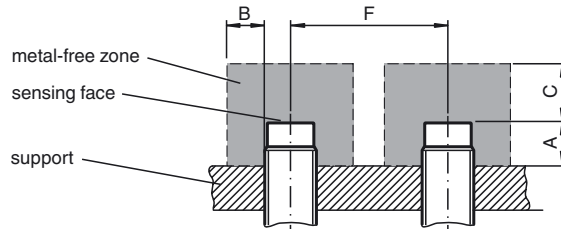
Dimensions



Electrical Connection



Installation Conditions



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