



Model Number

NBB10-30GM75-WS-V11

Features

- Basic series
- 10 mm flush

Technical Data

General specifications

Switching element function		AC	NO
Rated operating distance	s_n	10 mm	
Installation		flush	
Output polarity		AC	
Assured operating distance	s_a	0 ... 8.1 mm	
Reduction factor r_{Al}		0.29	
Reduction factor r_{Cu}		0.26	
Reduction factor r_{304}		0.71	

Nominal ratings

Operating voltage	U_B	20 ... 253 V	
Switching frequency	f	0 ... 20 Hz	
Hysteresis	H	typ. 5 %	
Voltage drop	U_d	≤ 8 V	
Momentary current (20 ms, 0.1 Hz)		0 ... 1600 mA	
Operating current	I_L	5 ... 200 mA	
Off-state current	I_r	0 ... 1.7 mA typ.	
Time delay before availability	t_v	≤ 30 ms	
Operating voltage indicator		LED, green	
Switching state indicator		LED, yellow	

Ambient conditions

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

Connection type	Connector M12 x 1, 3-pin
Cable version	PA
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67

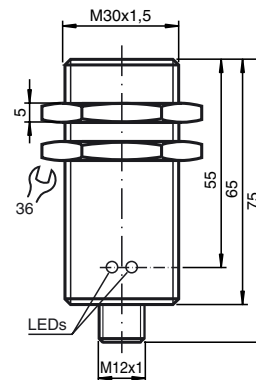
Compliance with standards and directives

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

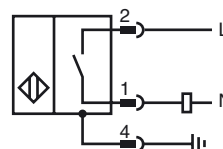
Approvals and certificates

CCC approval	Certified by China Compulsory Certification (CCC)
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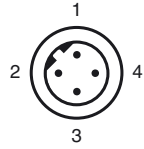
Dimensions



Electrical Connection



Pinout



Wire colors

1	BU	(blue)
2	BN	(brown)
4	GN/YE	(green/yellow)