



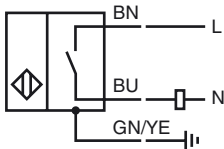
Model Number

NBN4-12GM60-WS-5M

Features

- 2-wire AC

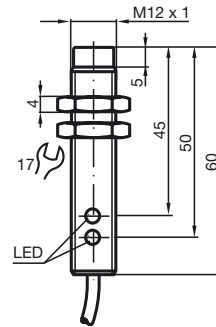
Connection



Accessories

BF 12
Mounting flange, 12 mm

Dimensions



Technical Data

General specifications

Switching element function	AC	NO
Rated operating distance	s_n	4 mm
Installation	not embeddable	
Output polarity	AC	
Assured operating distance	s_a	0 ... 3.24 mm
Reduction factor r_{AI}	0.5	
Reduction factor r_{Cu}	0.4	
Reduction factor r_{V2A}	0.8	

Nominal ratings

Operating voltage	U_B	20 ... 150 V
Switching frequency	f	0 ... 25 Hz
Voltage drop	U_d	≤ 6.5 V
Operating current	I_L	5 ... 200 mA
Off-state current	I_r	0 ... 1.7 mA
Operating voltage display	LED, green	
Indication of the switching state	LED, yellow	

Ambient conditions

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

Mechanical specifications

Connection type	cable PVC , 5 m
Core cross-section	0.34 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67
Note	1) In the temperature range below 0 °C, permissible operating voltage U_b 80...253 V Safety fuse ≤ 0.8 A (quick-blow) according to IEC 60127-2 Sheet 1 Recommendation: after a short circuit, check that the device is functioning correctly.

General information

Scope of delivery	2 self locking nuts in scope of delivery
-------------------	--

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	Certified by China Compulsory Certification (CCC)

Release date: 2011-02-10 11:21 Date of issue: 2011-02-10 088966_ENG.xml