



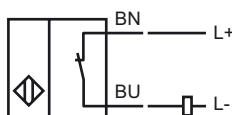
Model Number

NCN8-18GM40-Z1

Features

- 8 mm not embeddable
- 2-wire DC

Connection

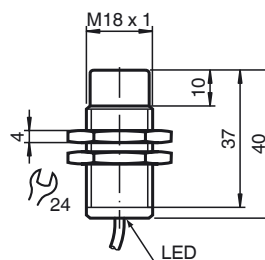


Accessories

BF 18

Mounting flange, 18 mm

Dimensions



Technical Data

General specifications

Switching element function		DC	NC
Rated operating distance	s_n	8 mm	
Installation		not embeddable	
Output polarity		DC	
Assured operating distance	s_a	0 ... 6.5 mm	
Reduction factor r_{AI}		0.44	
Reduction factor r_{Cu}		0.4	
Reduction factor r_{303}		0.7	

Nominal ratings

Operating voltage	U_B	5 ... 60 V
Switching frequency	f	0 ... 300 Hz
Hysteresis	H	1 ... 10 typ. 5 %
Reverse polarity protected		tolerant
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 5 V
Operating current	I_L	2 ... 100 mA
Lowest operating current	I_m	2 mA
Off-state current	I_r	0 ... 0.5 mA typ.
Indication of the switching state		all direction LED, yellow

Ambient conditions

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

Mechanical specifications

Connection type	cable PUR , 2 m
Core cross-section	0.34 mm ²
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	IP67

Compliance with standards and directives

Standard conformity

Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007 Non-standard connector assignment
-----------	------------------------------------------------------------------------------

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)