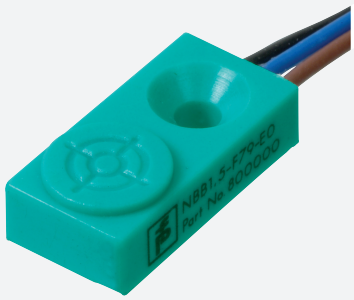
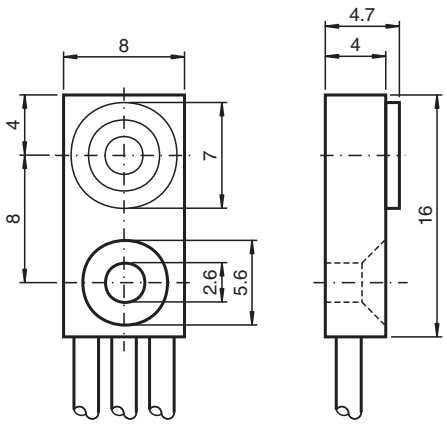


Inductive sensor

NBB1,5-F79-E0

- Basic series
- 1.5 mm flush
- 3-wire DC

Dimensions



Technical Data

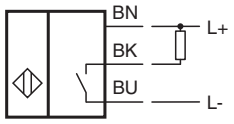
General specifications		
Switching function		Normally open (NO)
Output type		NPN
Rated operating distance	s_n	1.5 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{Al}		0.3
Reduction factor r_{Cu}		0.2
Reduction factor r_{304}		0.7
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	5 ... 30 V DC
Switching frequency	f	0 ... 1200 Hz
Hysteresis	H	typ. 5 %
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 1.5 V

Release date: 2024-05-28 Date of issue: 2024-06-05 Filename: 800000_eng.pdf

Technical Data

Operating current	I_L	0 ... 100 mA
Off-state current	I_r	≤ 10 µA
No-load supply current	I_0	≤ 15 mA
Time delay before availability	t_v	≤ 20 ms
Functional safety related parameters		
$MTTF_d$		4830 a
Mission Time (T_M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		flexible leads PVC , 500 mm
Core cross section		0.08 mm²
Housing material		PA
Sensing face		PA
Degree of protection		IP67
Dimensions		
Height		4.7 mm
Width		8 mm
Length		16 mm

Connection



Release date: 2024-05-28 Date of issue: 2024-06-05 Filename: 800000_eng.pdf

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

PEPPERL+FUCHS:

NBB2-8GM40-E0-V1 NBB5-18GM50-E2 WCS3-MH1 34441 NBB2-12GM50-A2-V1 NBB8-18GM50-E0 OBR2500-12GM40-E5 UBE800-F77-SE2-V31 NBB0.8-4M25-E0 NBB5-18GM50-A0 24772 GLV30-8-2500/47/73C UB2000-F42-E6-V15 134143 CCN15-30GS60-E2-V1 KLR-C02-2,2-2,0-K70 NBB2-12GM50-E2 OBR12M-R100-2EP-IO-V31-L S1SD-1AI-1U.1 114642 BF18 NBB0.8-5GM25-E2 NBB1-4GM22-E2 OBD450-18GK40A-E2 OQT150-R101-2EP-IO-V31 UB800-18GM40-I-V1 NBB4-12GM50-A2-V1 OBR5000-18GK40A-E2 OQT150-R100-2EP-IO-V31-L MH4-2057