



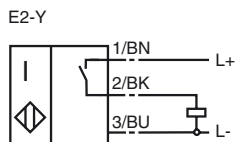
Model Number

NBN2-F79-E2-Y233820

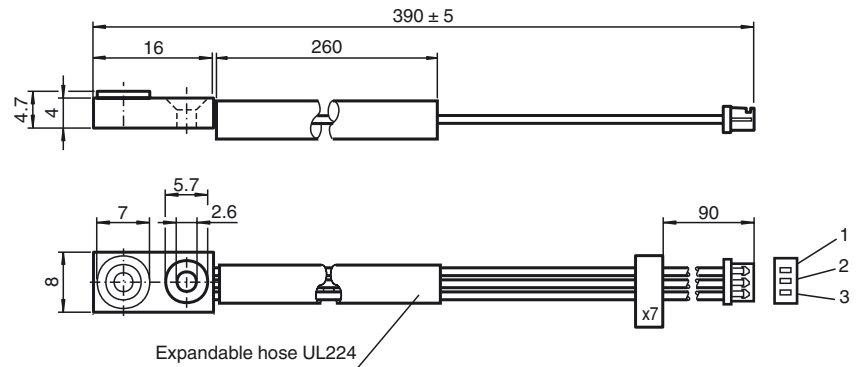
Features

- Basic series
- 2 mm not embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function	PNP	NO
Rated operating distance	s_n	2 mm
Installation		not embeddable
Output polarity		DC
Assured operating distance	s_a	0 ... 1.8 mm
Reduction factor r_{Al}		0.3
Reduction factor r_{Cu}		0.2
Reduction factor r_{303}		0.7

Nominal ratings

Operating voltage	U_B	5 V -5% +10%
Switching frequency	f	0 ... 800 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protected		no
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 1.5 V
Operating current	I_L	0 ... 100 mA
Off-state current	I_r	≤ 10 μ A
No-load supply current	I_0	≤ 15 mA

Ambient conditions

Ambient temperature	15 ... 35 °C (59 ... 95 °F)
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Mechanical specifications

Connection type	flexible leads PVC , 390 mm , twisted
Connection assembly	Molex socket housing 51021-0300 Molex-Crimp 50058-8000
Core cross-section	0.08 mm ²
Housing material	PA
Sensing face	PA
Protection degree	IP67

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