



Model Number

NBN5-11K34-E2

Features

- Basic series
- 5 mm non-flush

Accessories

BF 12
Mounting flange, 12 mm

Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	5 mm	
Installation		non-flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 4.05 mm	
Reduction factor r_{Al}		0.48	
Reduction factor r_{Cu}		0.45	
Reduction factor r_{304}		0.72	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 300 Hz
Hysteresis	H	5 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 15 mA
Switching state indicator		LED, yellow

Ambient conditions

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

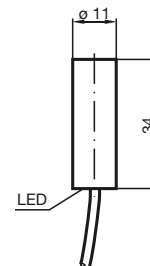
Mechanical specifications

Connection type	cable PVC, 2 m
Core cross-section	0.34 mm ²
Housing material	Crastin (PBTB)
Sensing face	Crastin (PBTB)
Degree of protection	IP67

Compliance with standards and directives

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

Dimensions



Electrical Connection

