



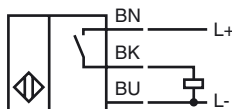
Model Number

CCN15-F64-E2

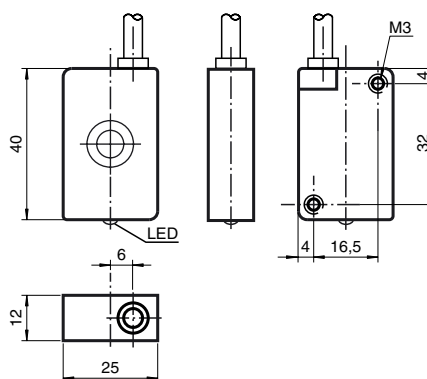
Features

- 15 mm non-flush
- 3-wire DC
- Flat housing

Connection



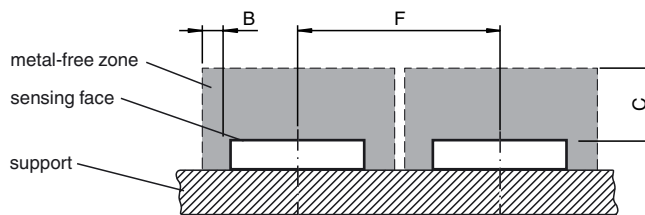
Dimensions



Technical Data

General specifications			
Switching element function		PNP	NO
Rated operating distance	s_n	15 mm	
Installation		non-flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 12 mm	
Nominal ratings			
Installation conditions			
B		15 mm	
C		30 mm	
F		45 mm / 60 mm	
Operating voltage	U_B	10 ... 30 V DC	
Switching frequency	f	0 ... 20 Hz	
Reverse polarity protected		reverse polarity protected	
Short-circuit protection		pulsing	
Voltage drop	U_d	≤ 2 V	
Operating current	I_L	0 ... 100 mA	
Off-state current	I_r	0 ... 50 μ A typ. 5 μ A	
No-load supply current	I_0	≤ 15 mA	
Indication of the switching state		LED, yellow	
Functional safety related parameters			
MTTF _d		1660 a	
Mission Time (T _M)		20 a	
Diagnostic Coverage (DC)		0 %	
Ambient conditions			
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)	
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)	
Mechanical specifications			
Connection type		cable PUR , 2 m	
Core cross-section		0.34 mm ²	
Housing material		PBT	
Sensing face		PBT	
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	
CCC approval		Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.	

Installation conditions



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