

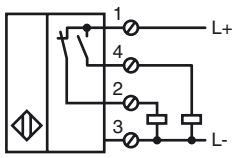
Model Number

CJ40-FP-A2-P1

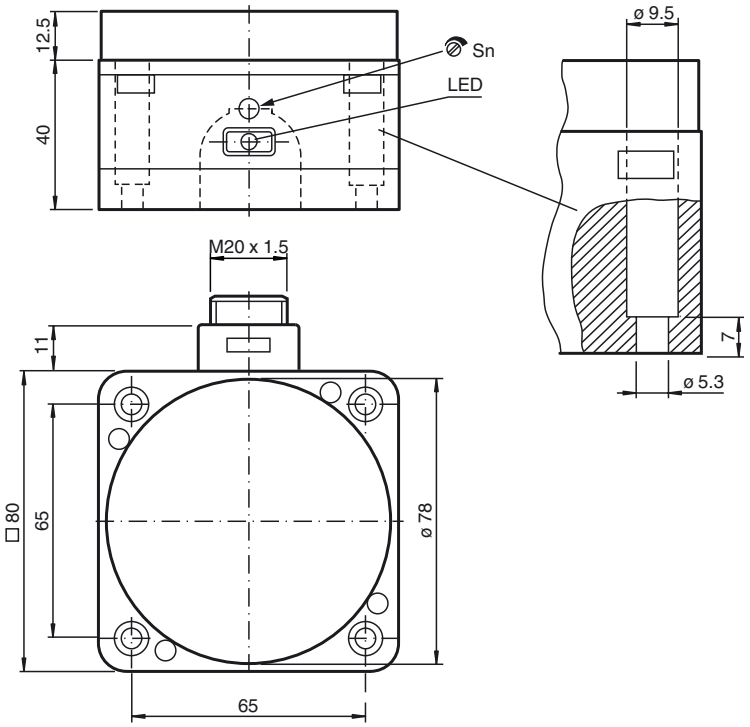
Features

- **40 mm non-flush**
- **4-wire DC**
- **The switching distance can be set over a wide range with the potentiometer**

Connection



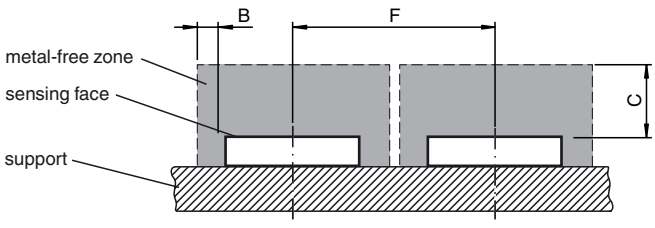
Dimensions



Technical Data

General specifications		
Switching element function		PNP NO/NC
Rated operating distance	s_n	40 mm
Installation		non-flush
Output polarity		DC
Assured operating distance	s_a	0 ... 32.4 mm
Nominal ratings		
Installation conditions		
B		40 mm
C		80 mm
F		120 mm
Operating voltage	U_B	10 ... 60 V DC
Switching frequency	f	0 ... 10 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2.8 V
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 20 mA
Switching state indication		LED, yellow
Indicators/operating means		
Potentiometer		sensitivity adjustment
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		screw terminals
Core cross-section		up to 2.5 mm²
Housing material		PBT/POM
Sensing face		POM
Housing base		PBT
Protection degree		IP65
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

Installation conditions



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