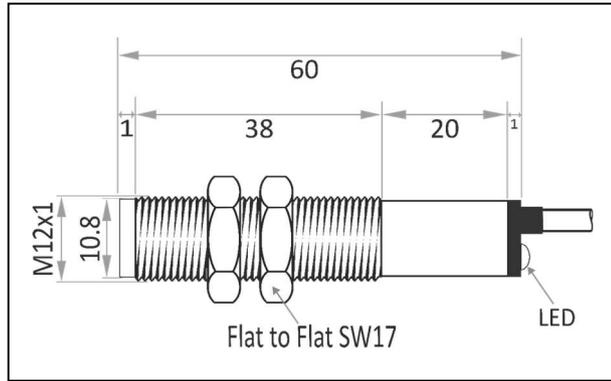


Magnetic Proximity Sensors

M12 | NPN | NO | 30mA | 3 Wire | SCP

Ordering Code: D33C-12MD-NM-3S



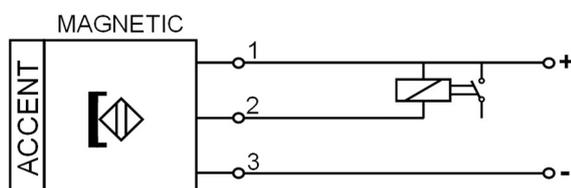
ACCENT CONTROLS

Technical Specifications

Cylindrical Metal Housing Diameter/Pitch (mm)	M12
Mounting Style	Flush
Sensing Distance (Sn)	Magnet Dependent (Magnet Size, Shape & Strength Dependent)
Type	Omnipolar, Unipolar & Bipolar switch
Operate Point (BOP)	3.5 mT
Release Point (BRP)	2 mT
Hysteresis	1.5 mT
Operating Voltage	5 - 30 V DC
Switching output	NPN
Output function	NO
Max. Load Current (On state)	≤ 30 mA
Current Consumption (No Load)	≤ 3 mA
Switching Frequency	10 KHz
Output rise time (10% to 90%)	≤ 10 μs
Output fall time (90% to 10%)	≤ 1 μs
Reverse Supply Protection	up to -22 V
Short-Circuit Protection	Yes
Operating Temperature Range	-20 °C to +80 °C
Housing Material	Nickel Plated Brass

Electrical Connections

Termination	2 meter Prewired 3-Core PVC Cable (3 x 0.22mm ²)
-------------	--



Wire Colour Coding:

1. RED : +
2. GREEN : Output
3. BLACK :-