EUROPA

Data Sheet
EDS1327-102

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

Capacitive Proximity Sensors

- Surge, reverse polarity and short-circuit protection
- Housing material : ABS
- Protection degree : IP67 (IEC)
- Power supply range(10-30VDC)

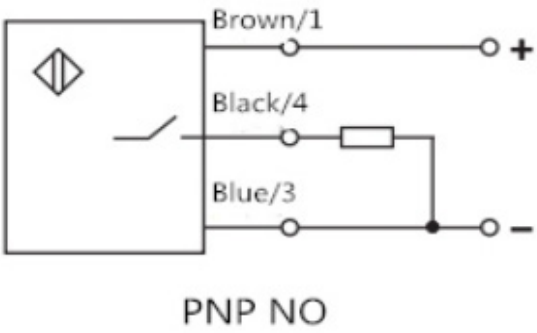
Our capacitive sensors are available in M12, M18 and M30. Operating from a 10-30V DC supply and incorporating a "target-sensed" LED indicator, the PNP N/O output stage has a maximum load current of 200mA.

Available in both shielded (flushed fitting) and non-shielded (non-flushed fitting).

Flush sensors can be mounted within a metal bracket or directly into the machine without the risk of the metal causing the sensor to false trigger. Flush sensors come with a shield that allows the sensor to only radiate from the face plate.

Non-flush sensors do not have a shield around the plate so the radiation pattern is larger. Unlike Flush sensors, it cannot be mounted flush on a metal bracket as the metal will cause the sensor to actuate.

Suitable for a wide range of applications detecting both metallic and non-metallic materials such as fluid storage level detection through within a tank wall, granular level detection in storage silos or plastic level detection in feed hoppers.

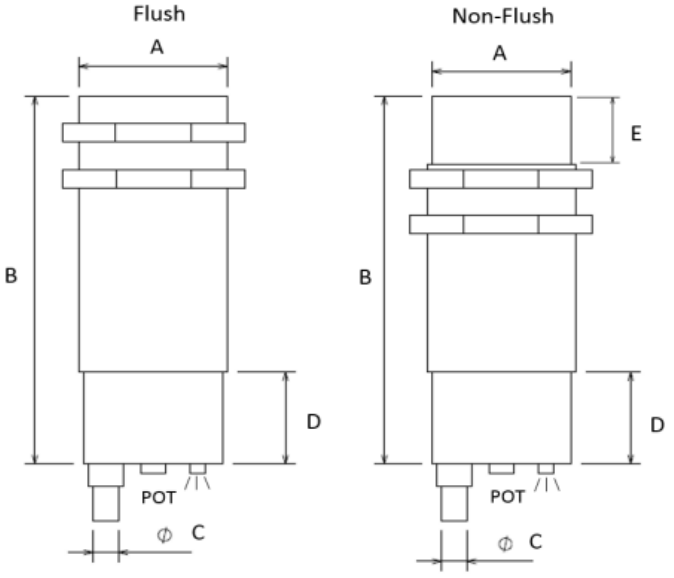


PNP NO

EUROPA

Data Sheet
EDS1327-102

Part Number	Mounting	A (Thread Size)	B (mm)	C (mm)	D (mm)	E (mm)	Rated Operating Distance (Sn) (mm)	Frequency
ECM12C-WPNO10-30V2-F	Flush	M12x1	59	4	10	-	2	100Hz
ECM12C-WPNO10-30V4-NF	Non-Flush	M12x1	59	4	10	8	4	100Hz
ECM18C-WPNO10-30V5-F	Flush	M18X1	80	5	15	-	5	100Hz
ECM18C-WPNO10-30V8-NF	Non-Flush	M18x1	80	5	15	12	8	100Hz
ECM30C-WPNO10-30V10-F	Flush	M30x1	80	5	20	-	10	50Hz
ECM30C-WPNO10-30V15-NF	Non-Flush	M30x1	80	5	20	15	15	50Hz



Output	PNP N/O
Hysteresis[%/Sr]	3....20%
Temperature drift	≤±10%
Repeat accuracy	≤3%
Load current[mA]	≤200mA
Consumption current[mA]	≤10mA
Residual voltage	≤2.5V
Protection circuit	Surge, overload, reverse polarity, short-circuit
Indicator	Yellow LED
Ambient temp.[^{0}C]	-25...70^{0}C
Ambient RH	35...95%
Protection degree	IP67
Housing material	ABS
Cable Length	2m