

Sensing Specifications

Flush Mountable	Shielded sensors only
Sensing Range	See Part Numbers
Repeat Error	<2%



Mechanical Specification:

30mm Dimensions	M30x1.5 (see drawings)
FlatPack Dimensions	30x45mm (see drawings)
30mm Connector Versions	M12 4-pin MICRO
FlatPack Connector Versions	M8 3-Pin PICO
Enclosure Rating	IP67, NEMA 1,3,4,6,13
Operating Temperature Range	-25° to 70°C (-13 to 158°F)
Signal Indicator	Yellow LED (intensity varies with output)
Power-on Indicator	Green LED
Sensitivity Adjustment	Potentiometer
30mm Sensor Face Material	Plastic (Valox DR-48)
30mm Metal Barrel Material	Ni-Plated Brass
30mm Plastic Barrel Material	Plastic (Valox DR-48)
FlatPack Material	Plastic (glass filled Nylon)
Shock	30g, 11ms



Part Numbers

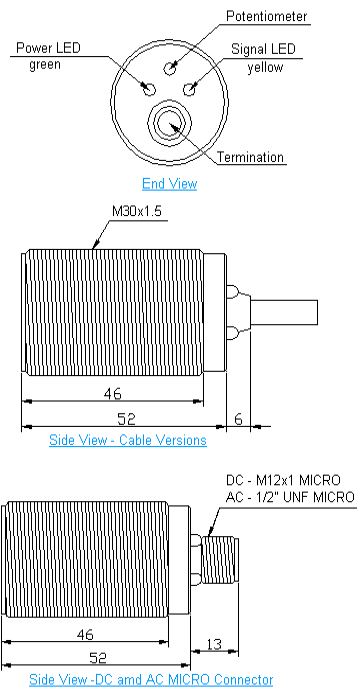
Supply Voltage	Shielded	Sensing Range	Housing Style	Housing Material	Output	Wiring Diagram	Termination	Part Number
12-26VDC	Y	0-10mm	30mm	Metal	0-10VDC	13	MICRO	C1A30QV2-M
12-26VDC		0-20mm	30mm	Plastic	0-10VDC	13	MICRO	C2A30QV2-M
12-26VDC	Y	0-25mm	FlatPack	Plastic	0-10VDC	14	PICO	C1D45QV2-M
12-26VDC		0-30mm	FlatPack	Plastic	0-10VDC	14	PICO	C2D45QV2-M

Application Notes:

- **Warning: Do not touch the Black analog output wire to the +DC supply voltage (Brown wire). This can destroy the sensor.**
- Use Unshielded Sensors to detect aqueous liquids through a non-conductive wall materials.
- Use Shielded Sensors to detect non-conductive liquids through a non-conductive wall materials (full 0-10VDC response is unlikely).
- Set the sensor to give the maximum analog response when the target is closest to the sensor. When the target is moved to the farthest point from the sensor the minimum analog response is obtained.
- Conversely, the sensor can be set to give the minimum analog response when the target is farthest from the sensor. When the target is moved to the closest point from the sensor the maximum analog response is obtained.
- We can supply sensors with customized response curves as required.

As awlays, contact us for application, installation, customization or any other needs!

30mm Plastic Cap Prox Dimensions



30mm Metal Cap Prox Dimensions

