High Performance

Standard

XECRO Standard Sensing ranges cover all common industry diameters including □5×5 and □8×8. The Standard Class of sensors represents the basic sensing distances of each size. The inductive sensors in the Standard Class are the perfect choice for cost-sensitive applications where longer sensing distances are not required. Even the Standard Class sensors which are rated to be used between –20...+70 °C | -4... 158 °F come with a protection class of IP67 and are ideal for general purpose applications. Also these devices already have reverse-polarity as well as overload and short-circuit protection built-in.

Increased | Extended

If mechanical conditions require longer sensing distances, then the Increased and Extended Sensing Range Class offer up to triple sensing distances. And thus, the available safe distance to the electronics is extended reducing the risk of mechanical damage of the sensor. The electronic circuits for these classes fit into the same housing with the same dimensions as those of the Standard Class.

Advanced

In some environments, extremely large sensing distances are essential for proper operation. Sensors from the outstanding Advanced Class offer the absolute best sensing distances of their type. XECRO builds sensors as e.g.

Sensor diameter	Sensing distance	Mounting	Body Length
M8×1	4 mm	semi-flush	down to 18 mm short
M8×1	6 mm	non-flush	down to 18 mm short
M12×1	8 mm	semi-flush	down to 22 mm short
M12×1	10 mm	non-flush	down to 30 mm short
M18×1	12 mm	semi-flush	down to 35 mm short
M18×1	20 mm	non-flush	down to 35 mm short
M30×1.5	22 mm	semi-flush	down to 35 mm short
M30×1.5	40 mm	non-flush	down to 35 mm short

Features

- Robutst metal body
- High sensing distances
- Polarity reversal and short-circuit protected
- LED status indication

Common Specifications

Operating Voltage	10 ... 30 VDC
Reverse Polarity Protection	Built-in
Output Load Capability	200 mA
Short Circuit Protection	Built-in, self-resetting
Voltage Drop	1.5 V @ 200 mA
Operating Temperature	–20 ... 70°C	-4 ... 158 °F
Protection Class	IP67
Switching Indicator	Integrated, yellow
Sensing Face Material	PBT