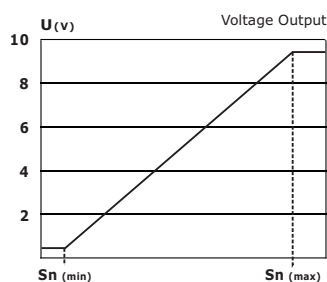
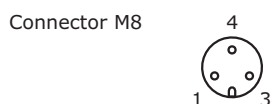
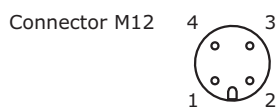
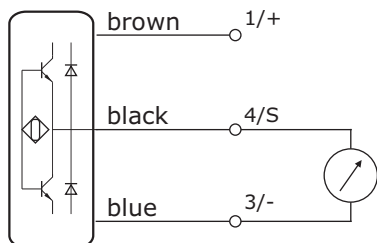


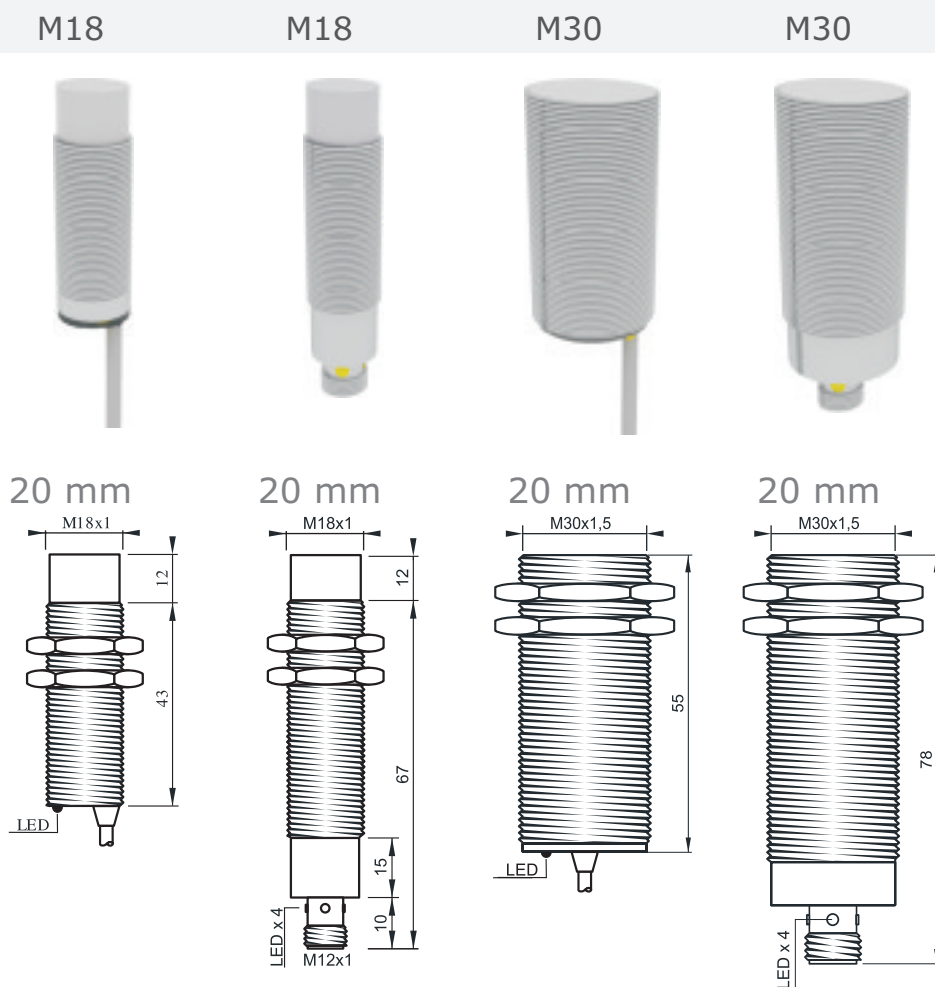
Inductive Proximity Switches

Analog Output

Output Schematics



Not to be
used for
Safety
Applications



SPECIFICATIONS

	M18x1 Analog	M18x1 Analog	M30x1.5 Analog	M30x1.5 Analog
Measuring Distance	0...20 mm	0...20 mm	0...20 mm	0...20 mm
Mounting	Unshielded	Unshielded	Shielded	Shielded
Operating Voltage	18...30 VDC, 3-wire	18...30 VDC, 3-wire	18...30 VDC, 3-wire	18...30 VDC, 3-wire
Reverse Polarity Protection	built-in	built-in	built-in	built-in
Current Consumption	< 25 mA	< 25 mA	< 25 mA	< 25 mA
Load Resistor	> 2 kOhm	> 2 kOhm	> 2 kOhm	> 2 kOhm
Linearity	< 5 % (Sn)	< 5 % (Sn)	< 5 % (Sn)	< 5 % (Sn)
Repeatability	0.02 mm	0.02 mm	0.02 mm	0.02 mm
Output Following Frequency	100 Hz	100 Hz	100 Hz	100 Hz
Temperature Drift	< 5 % (Sn)	< 5 % (Sn)	< 5 % (Sn)	< 5 % (Sn)
Operating Temperature	0...+70 °C	0...+70 °C	0...+70 °C	0...+70 °C
Protection Class	IP67	IP67	IP67	IP67
Sensing Face Material	POM	POM	POM	POM
Housing Material	Chromed Brass	Chromed Brass	Chromed Brass	Chromed Brass
Connection	High-Flex PVC, 2m	Connector M12, 4-pole	High-Flex PVC, 2m	Connector M12, 4-pole
Output Indicator	-	-	-	-
Article Code				
PNP, Analog Voltage (0...10 VDC)	IA18-N20V010/N2P	IA18-N20V010/M12	IA30-S20V010/N2P	IA30-S20V010/M12

Inductive Proximity Switches

Analog Output

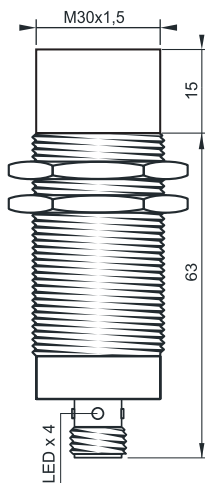
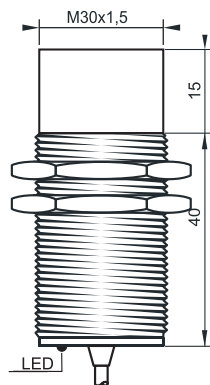
M30

M30



40 mm

40 mm

**M30x1.5 Analog**

0...40 mm
 Unshielded
 18...30 VDC, 3-wire
 built-in
 < 25 mA
 > 2 kOhm
 < 5 % (Sn)
 0.02 mm
 100 Hz
 < 5 % (Sn)

0...+70 °C
 IP67
 POM
 Chromed Brass
 High-Flex PVC, 2m
 -

IA30-N40V010/N2P

M30x1.5 Analog

0...40 mm
 Unshielded
 18...30 VDC, 3-wire
 built-in
 < 25 mA
 > 2 kOhm
 < 5 % (Sn)
 0.02 mm
 100 Hz
 < 5 % (Sn)

0...+70 °C
 IP67
 POM
 Chromed Brass
 Connector M12, 4-pole
 -

IA30-N40V010/M12