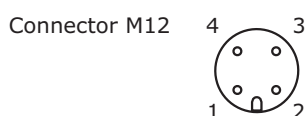
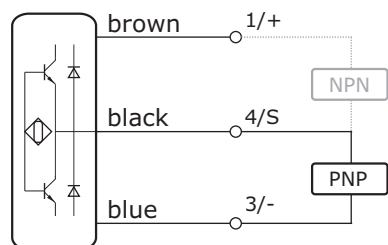
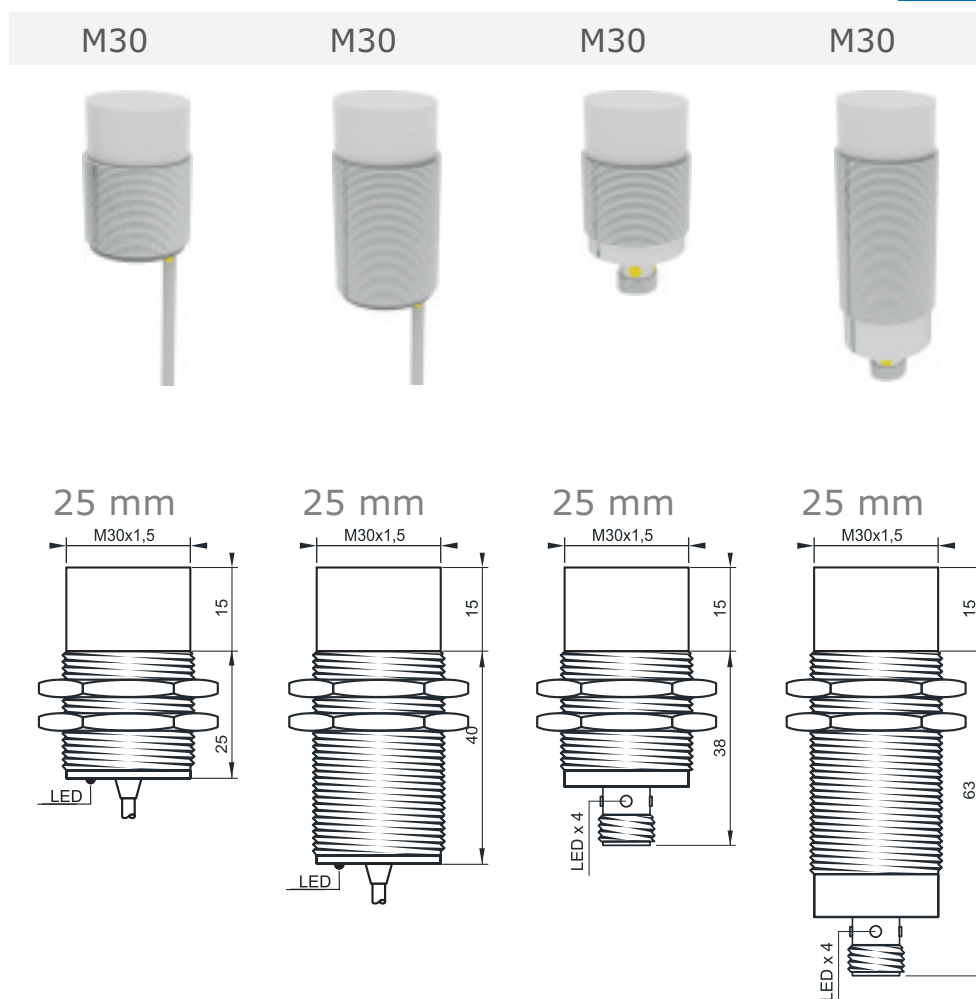


Inductive Proximity Switches

Output Schematics



Not to be
used for
Safety
Applications



SPECIFICATIONS

	M30x1.5	M30x1.5	M30x1.5	M30x1.5
Sensing Distance	25 mm - Unshielded	25 mm - Unshielded	25 mm - Unshielded	25 mm - Unshielded
Operating Voltage	10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire
Reverse Polarity Protection	built-in	built-in	built-in	built-in
Current Consumption	< 8 mA	< 8 mA	< 8 mA	< 8 mA
Current Load Capability	200 mA	200 mA	200 mA	200 mA
Short Circuit Protection	built-in - self resetting	built-in - self resetting	built-in - self resetting	built-in - self resetting
Voltage Drop	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA
Switching Frequency	100 Hz	100 Hz	100 Hz	100 Hz
Repeatability	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)
Hysteresis	3...15 %	3...15 %	3...15 %	3...15 %
Operating Temperature	-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C
Protection Class	IP67	IP67	IP67	IP67
Sensing Face Material	POM	POM	POM	POM
Housing Material	Plated Brass	Plated Brass	Plated Brass	Plated Brass
Connection	High-Flex PVC, 2m	High-Flex PVC, 2m	Connector M12, 4-pole	Connector M12, 4-pole
Output Indicator	Integrated	Integrated	Integrated	Integrated
Article Code				
PNP - NO, 3-wire	IPS30-N25PO40/A2P	IPS30-N25PO55/A2P	IPS30-N25PO53/M12	IPS30-N25PO79/M12
PNP - NC, 3-wire	IPS30-N25PC40/A2P	IPS30-N25PC55/A2P	IPS30-N25PC53/M12	IPS30-N25PC79/M12
PNP - NO+NC, 4-wire				
NPN - NO, 3-wire	IPS30-N25NO40/A2P	IPS30-N25NO55/A2P	IPS30-N25NO53/M12	IPS30-N25NO79/M12
NPN - NC, 3-wire	IPS30-N25NC40/A2P	IPS30-N25NC55/A2P	IPS30-N25NC53/M12	IPS30-N25NC79/M12
NPN - NO+NC, 4-wire				
10...55 VDC - NO, 2-wire		IPS30-N25DO55/A2P		IPS30-N25DO79/M12
10...55 VDC - NC, 2-wire		IPS30-N25DC55/A2P		IPS30-N25DC79/M12

