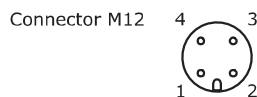
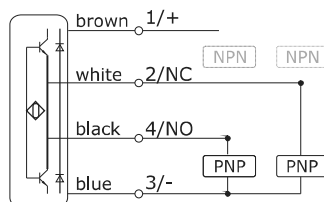
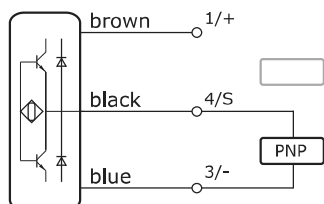
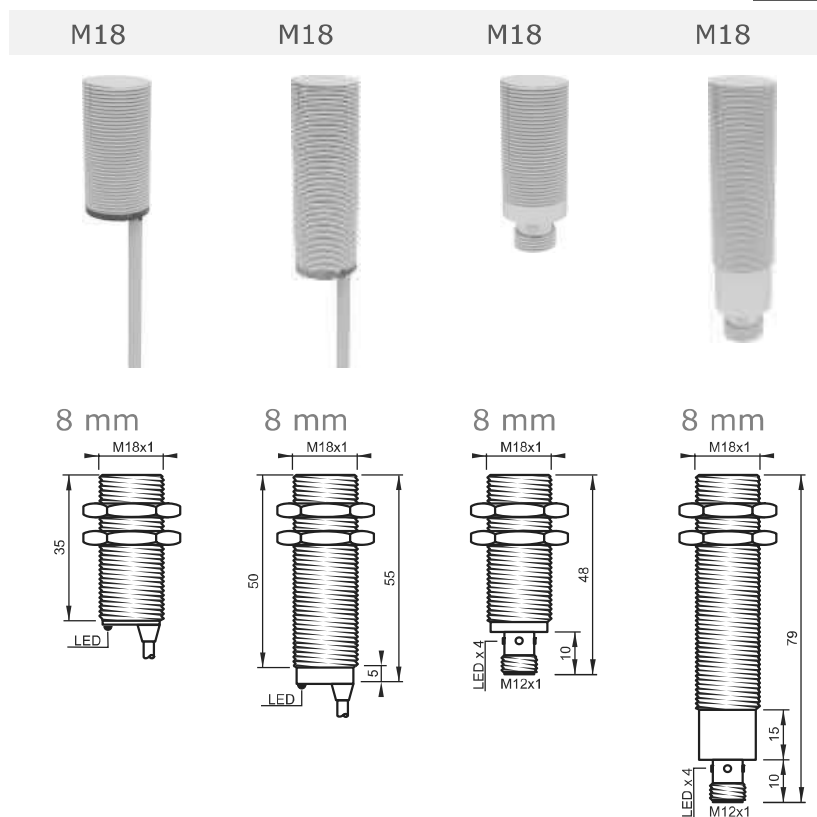


Output Schematics



Not to be
used for
Safety
Applications



SPECIFICATIONS

Sensing Distance

Operating Voltage

Reverse Polarity Protection

Current Consumption

Current Load Capability

Short Circuit Protection

Voltage Drop

Switching Frequency

Repeatability

Hysteresis

Operating Temperature

Protection Class

Sensing Face Material

Housing Material

Connection

Output Indicator

Article Code

PNP - NO, 3-wire

PNP - NC, 3-wire

PNP - NO+NC, 4-wire

NPN - NO, 3-wire

NPN - NC, 3-wire

NPN - NO+NC, 4-wire

10...55 VDC - NO, 2-wire

10...55 VDC - NC, 2-wire

Recommended Connecting Cable

M18x1	M18x1	M18x1	M18x1
8 mm - Shielded	8 mm - Shielded	8 mm - Shielded	8 mm - Shielded
10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire
built-in	built-in	built-in	built-in
< 8 mA	< 8 mA	< 8 mA	< 8 mA
200 mA	200 mA	200 mA	200 mA
built-in - self resetting	built-in - self resetting	built-in - self resetting	built-in - self resetting
< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA
500 Hz	500 Hz	500 Hz	500 Hz
< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)
3...15 %	3...15 %	3...15 %	3...15 %
-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C
IP67	IP67	IP67	IP67
POM	POM	POM	POM
Plated Brass	Plated Brass	Plated Brass	Plated Brass
High-Flex PVC, 2m	High-Flex PVC, 2m	Connector M12, 4-pole	Connector M12, 4-pole
Integrated	Integrated	Integrated	Integrated
IPS18-S8PO35/A2P	IPS18-S8PO55/A2P	IPS18-S8PO48/M12	IPS18-S8PO79/M12
IPS18-S8PC35/A2P	IPS18-S8PC55/A2P	IPS18-S8PC48/M12	IPS18-S8PC79/M12
IPS18-S8PCO35/A2P	IPS18-S8PCO55/A2P	IPS18-S8PCO48/M12	IPS18-S8PCO79/M12
IPS18-S8NO35/A2P	IPS18-S8NO55/A2P	IPS18-S8NO48/M12	IPS18-S8NO79/M12
IPS18-S8NC35/A2P	IPS18-S8NC55/A2P	IPS18-S8NC48/M12	IPS18-S8NC79/M12
IPS18-S8NCO35/A2P	IPS18-S8NCO55/A2P	IPS18-S8NCO48/M12	IPS18-S8NCO79/M12
	IPS18-S8DO55/A2P		IPS18-S8DO79/M12
	IPS18-S8DC55/A2P		IPS18-S8DC79/M12
-	-	M12/3... / M12/4...	M12/3... / M12/4...