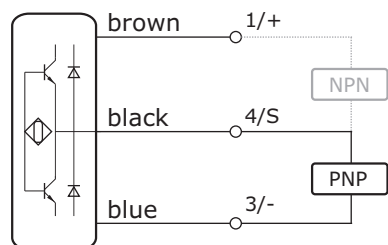
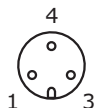


Inductive Proximity Switches

Output Schematics

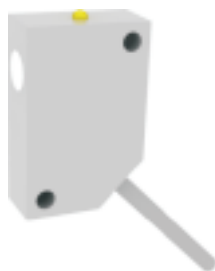


Connector M8

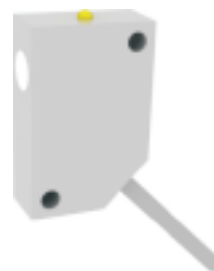


Not to be
used for
Safety
Applications

25x40



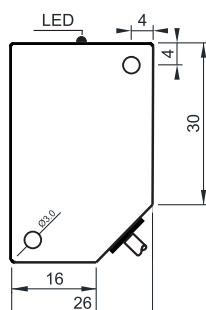
25x40



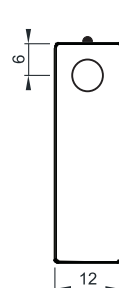
2 mm



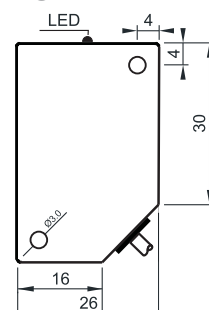
4 mm



4 mm



8 mm

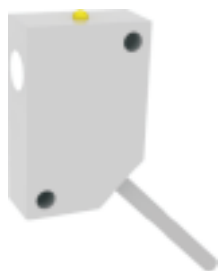


SPECIFICATIONS

	25 x 40 x 12 mm	25 x 40 x 12 mm	25 x 40 x 12 mm	25 x 40 x 12 mm
Sensing Distance	2 mm - Shielded	4 mm - Unshielded	4 mm - Shielded	8 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	2000 Hz	2000 Hz	1000 Hz	500 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 Head	PBT	PBT	PBT	PBT
Housing Material	PBT	PBT	PBT	PBT
Connection	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m
Output Indicator	Integrated	Integrated	Integrated	Integrated
Article Code				
PNP - NO, 3-wire	IPS2540-S2POS/A2P	IPS2540-N4POS/A2P	IPS2540-S4POS/A2P	IPS2540-N4POS/A2P
PNP - NC, 3-wire	IPS2540-S2PCS/A2P	IPS2540-N4PCS/A2P	IPS2540-S4PCS/A2P	IPS2540-N8PCS/A2P
PNP - NO+NC, 4-wire				
NPN - NO, 3-wire	IPS2540-S2NOS/A2P	IPS2540-N4NOS/A2P	IPS2540-S4NOS/A2P	IPS2540-N8NOS/A2P
NPN - NC, 3-wire	IPS2540-S2NCS/A2P	IPS2540-N4NCS/A2P	IPS2540-S4NCS/A2P	IPS2540-N8NCS/A2P
NPN - NO+NC, 4-wire				
10...55 VDC - NO, 2-wire	IPS2540-S2DOS/A2P	IPS2540-N4DOS/A2P		
10...55 VDC - NC, 2-wire	IPS2540-S2DCS/A2P	IPS2540-N4DCS/A2P		

Inductive Proximity Switches

25x40



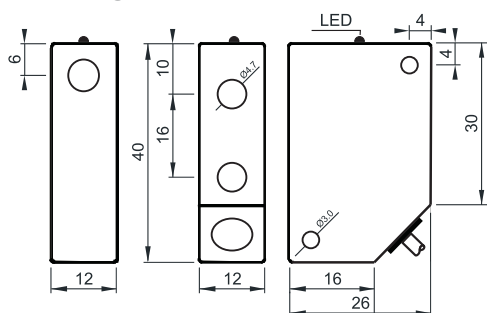
16x28



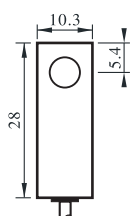
16x28



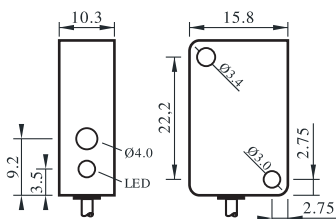
6 mm



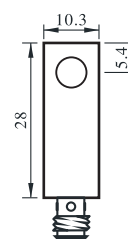
1 mm



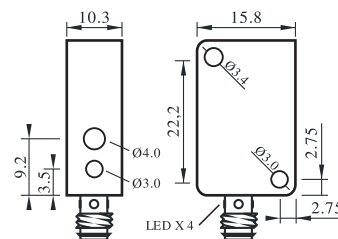
2 mm



1 mm



2 mm



25 x 40 x 12 mm	16 x 28 x 10 mm	16 x 28 x 10 mm	16 x 28 x 10 mm	16 x 28 x 10 mm
6 mm - Shielded	1 mm - Shielded	2 mm - Unshielded	1 mm - Shielded	2 mm - Unshielded
10...30 VDC, 3-wire built-in < 8 mA 200 mA built-in - self resetting < 1.5 V @ 200 mA 800 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 PBT PBT High-Flex PVC, 2m Integrated	10...30 VDC, 3-wire built-in < 8 mA 200 mA built-in - self resetting < 1.5 V @ 200 mA 2000 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 PBT PBT High-Flex PVC, 2m Integrated	10...30 VDC, 3-wire built-in < 8 mA 200 mA built-in - self resetting < 1.5 V @ 200 mA 2000 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 PBT PBT High-Flex PVC, 2m Integrated	10...30 VDC, 3-wire built-in < 8 mA 200 mA built-in - self resetting < 1.5 V @ 200 mA 2000 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 PBT PBT Connector M8, 3-pole Integrated	10...30 VDC, 3-wire built-in < 8 mA 200 mA built-in - self resetting < 1.5 V @ 200 mA 2000 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 PBT PBT Connector M8, 3-pole Integrated
IPS2540-S6POS/A2P IPS2540-S6PCS/A2P	IPS1628-S1POS/A2P IPS1628-S1PCS/A2P	IPS1628-N2POS/A2P IPS1628-N2PCS/A2P	IPS1628-S1POS/M8 IPS1628-S1PCS/M8	IPS1628-N2POS/M8 IPS1628-N2PCS/M8
IPS2540-S6NOS/A2P IPS2540-S6NCS/A2P	IPS1628-S1NOS/A2P IPS1628-S12NCS/A2P	IPS1628-N2NOS/A2P IPS1628-N2NCS/A2P	IPS1628-S1NOS/M8 IPS1628-S1NCS/M8	IPS1628-N24NOS/M8 IPS1628-N2NCS/M8