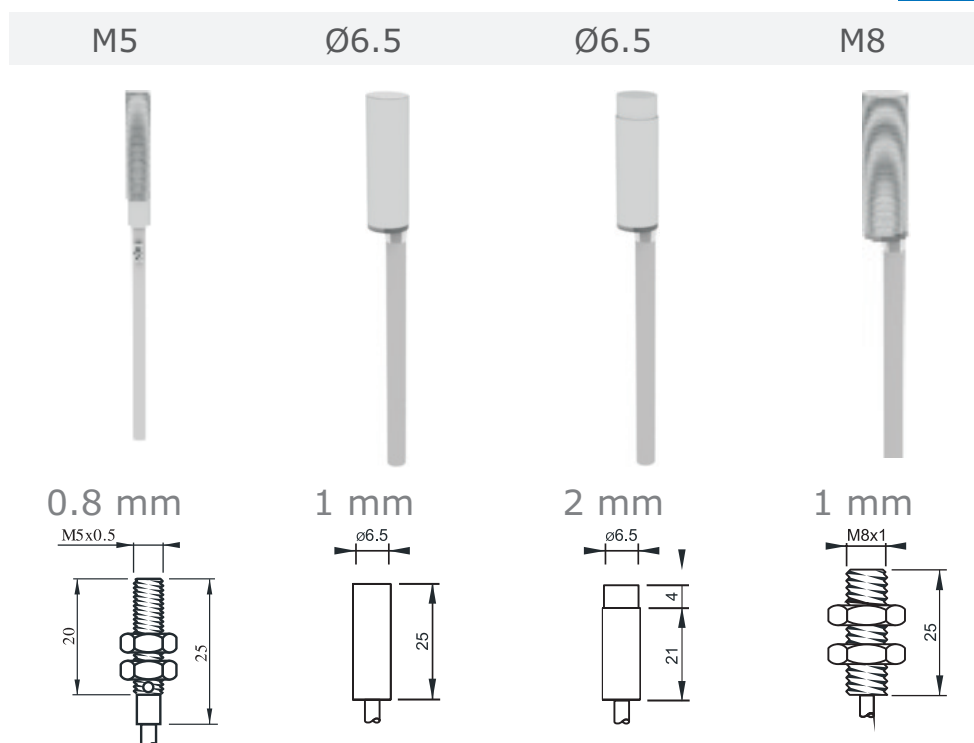
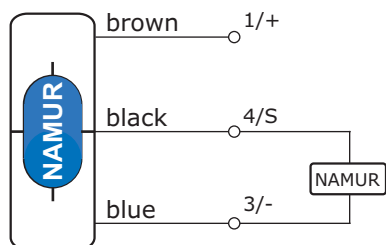


Inductive Proximity Switches

NAMUR

Output Schematics



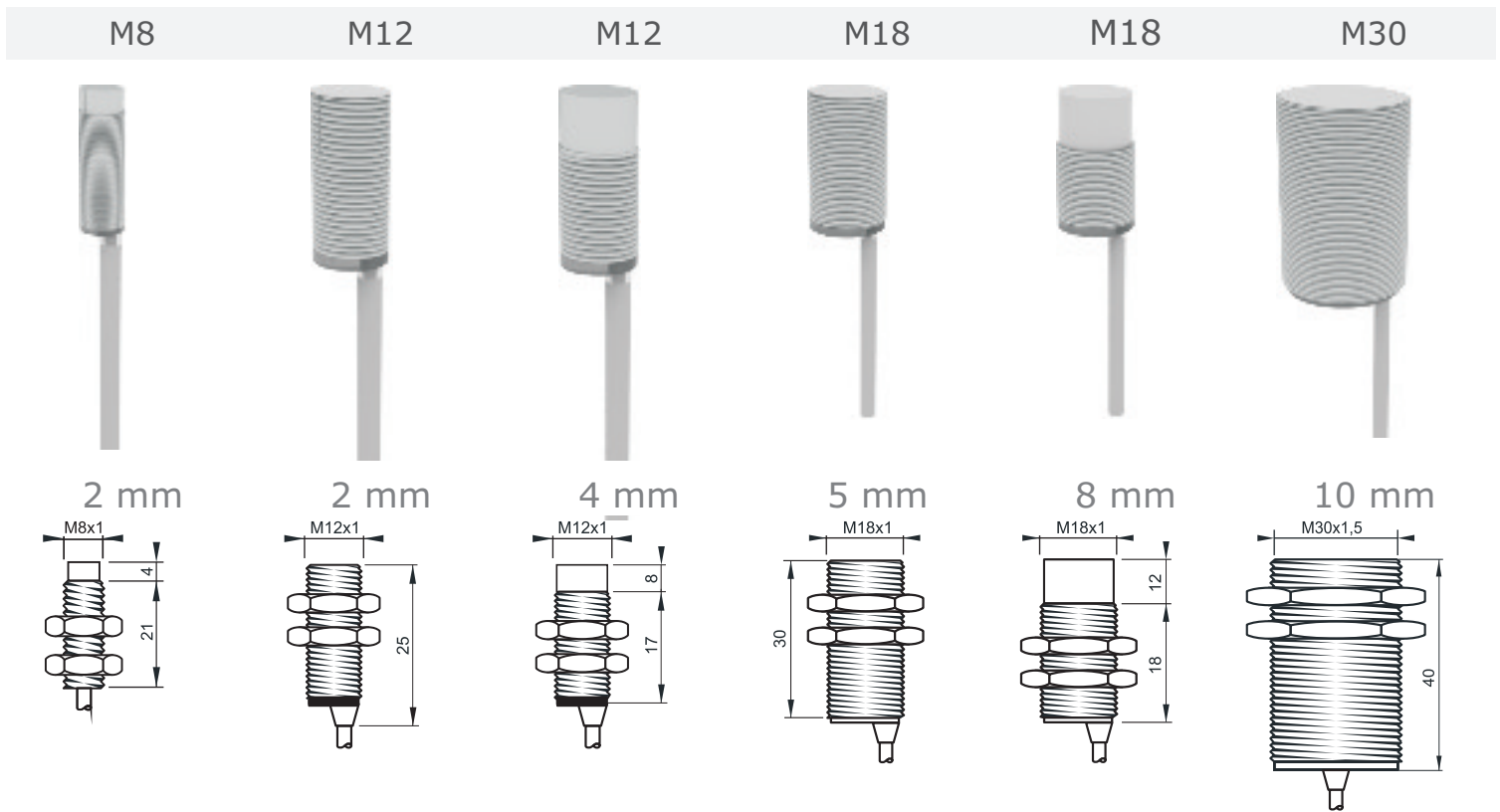
SPECIFICATIONS

	M5 - NAMUR	Ø6.5 mm - NAMUR	Ø6.5 mm - NAMUR	M8 - NAMUR
Sensing Distance	0.8 mm - Shielded	1 mm - Shielded	2 mm - Unshielded	1 mm - Shielded
Amplified	External	External	External	External
Operating Voltage	6... 12 VDC, NAMUR	6... 12 VDC, NAMUR	6... 12 VDC, NAMUR	6... 12 VDC, NAMUR
Reverse Polarity Protection	built-in	built-in	built-in	built-in
Current On-State	> 2.1 mA	> 2.1 mA	> 2.1 mA	> 2.1 mA
Current Off-State	< 1.1 mA	< 1.1 mA	< 1.1 mA	< 1.1 mA
Short Circuit Protection	by Amplifier	by Amplifier	by Amplifier	by Amplifier
Output-Function	by Amplifier	by Amplifier	by Amplifier	by Amplifier
Switching Frequency	2000 Hz	2000 Hz	1000 Hz	2000 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	1.4305 / SS303	1.4305 / SS303	1.4305 / SS303	1.4305 / SS303
Connection	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m
Output Indicator	by Amplifier	by Amplifier	by Amplifier	by Amplifier
Article Code				
NAMUR	IPS5-S08NA25/N2P	IPSD6-S1NA20/N2P	IPSD6-N2NA25/N2P	IPS8-S1NA25/N2P

Inductive Proximity Switches

NAMUR

INDUCTIVE



M8 - NAMUR	M12 - NAMUR	M12 - NAMUR	M18 - NAMUR	M18 - NAMUR	M30 - NAMUR
2 mm - Unshielded	2 mm - Shielded	4 mm - Unshielded	5 mm - Shielded	8 mm - Unshielded	10 mm - Shielded
External	External	External	External	External	External
6... 12 VDC, NAMUR built-in	6... 12 VDC, NAMUR built-in	6... 12 VDC, NAMUR built-in	6... 12 VDC, NAMUR built-in	6... 12 VDC, NAMUR built-in	6... 12 VDC, NAMUR built-in
> 2.1 mA	> 2.1 mA	> 2.1 mA	> 2.1 mA	> 2.1 mA	> 2.1 mA
< 1.1 mA	< 1.1 mA	< 1.1 mA	< 1.1 mA	< 1.1 mA	< 1.1 mA
by Amplifier	by Amplifier	by Amplifier	by Amplifier	by Amplifier	by Amplifier
1000 Hz	1000 Hz	500 Hz	500 Hz	300 Hz	300 Hz
< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)
3...15 %	3...15 %	3...15 %	3...15 %	3...15 %	3...15 %
-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C
IP67	IP67	IP67	IP67	IP67	IP67
POM	POM	POM	POM	POM	POM
1.4305 / SS303	Plated Brass	Plated Brass	Plated Brass	Plated Brass	Plated Brass
High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m	High-Flex PVC, 2m
by Amplifier	by Amplifier	by Amplifier	by Amplifier	by Amplifier	by Amplifier
IPS8-N2NA25/N2P	IPS12-S1NA25/N2P	IPS12-N2NA25/N2P	IPS18-S5NA30/N2P	IPS18-N8NA30/N2P	IPS30-S10NA40/N2P