

2-Wire NAMUR
2-Leiter NAMUR

shielded
bündig
M5 | 0.8 mm



standard

shielded
bündig
M8 | 1 mm

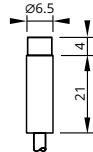
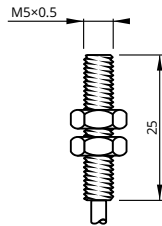


standard

unshielded
nicht bündig
M8 | 2 mm



standard

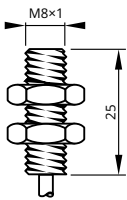


Sensing Distance	Schaltabstand	0.8 mm	1 mm	2 mm
Housing Size	Gehäusegröße	M5 – NAMUR	M8 – NAMUR	M8 – NAMUR
Operating Voltage	Betriebsspannung	6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR
Reverse Polarity Protection	Verpolungsschutz	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
Current Consumption	Stromverbrauch	>2.1 mA	>2.1 mA	>2.1 mA
Off-State Current	Strom unbedämpft	<1.1 mA	<1.1 mA	<1.1 mA
Short Circuit Protection	Kurzschlusschutz	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
Voltage Drop	Spannungsabfall	amplifier	amplifier	amplifier
Switching Frequency	Schaltfrequenz	2000 Hz	2000 Hz	1000 Hz
Correction Factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
Repeatability	Wiederholgenauigkeit	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
Hysteresis	Hysterese	3...15 %	3...15 %	3...15 %
Operating Temperature	Betriebstemperatur	-25...75 °C	-25...75 °C	-25...75 °C
Protection Class	Schutzklasse	IP67	IP67	IP67
Sensing Face	Sensorfläche	POM	POM	POM
Housing Material	Gehäusewerkstoff	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Connection	Anschluss	PUR, ultra-flex	PVC, ultra-flex	PVC, ultra-flex
Switching Indicator	Schaltanzeige	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
Article Code NAMUR		INS5S08NA25-N2P	INS6S1NA25-N2P	INS6N2NA25-N2P

shielded
bündig
M8 | 1 mm



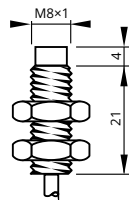
standard



unshielded
nicht bündig
M8 | 2 mm



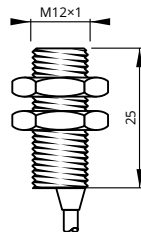
standard



shielded
bündig
M12 | 2 mm



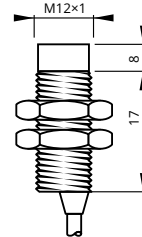
standard



unshielded
nicht bündig
M12 | 4 mm



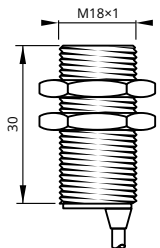
standard



shielded
bündig
M18 | 5 mm



standard



1 mm	2 mm	2 mm	4 mm	5 mm
M8 – NAMUR	M8 – NAMUR	M12 – NAMUR	M12 – NAMUR	M18 – NAMUR
6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR	6...12 V _{DC} , NAMUR
amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
>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
amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
amplifier	amplifier	amplifier	amplifier	amplifier
2000 Hz	1000 Hz	1000 Hz	500 Hz	500 Hz
Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
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
IP67	IP67	IP67	IP67	IP67
POM	POM	POM	POM	POM
SS303 Edelstahl	SS303 Edelstahl	brass Messing	brass Messing	brass Messing
PVC, ultra-flex	PVC, ultra-flex	PVC, ultra-flex	PVC, ultra-flex	PVC, ultra-flex
amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker	amplifier Verstärker
INS8S1NA25-N2P	INS8N2NA25-N2P	INS12S2NA25-N2P	INS12N4NA25-N2P	INS18S5NA30-N2P

Minor changes possible
Geringfügige Änderungen möglich