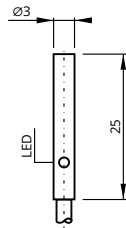


3-Wire Miniature 3-Leiter Miniatur

shielded
bündig
Ø 3 mm | 0.6 mm



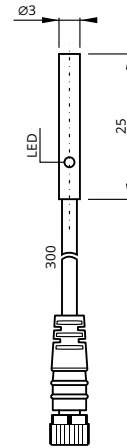
standard



shielded
bündig
Ø 3 mm | 0.6 mm



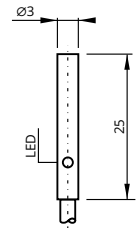
standard



shielded
bündig
Ø 3 mm | 1.0 mm



increased
erhöht



Sensing Distance	Schaltabstand	0.6 mm	0.6 mm	1.0 mm
Housing Size	Gehäusegröße	Ø 3 mm	Ø 3 mm	Ø 3 mm
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA
Current Load Capability	Ausgangsbelaastbarkeit	200 mA	200 mA	200 mA
Short Circuit Protection	Kurzschlusschutz	built-in integriert	built-in integriert	built-in integriert
Voltage Drop	Spannungsabfall	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA
Switching Frequency	Schaltfrequenz	2000 Hz	2000 Hz	2000 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	PUR, 300 mm, M8	PUR, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	—/—	INSD3S06PO25-A2P	INSD3S06PO25-3U8	INSD3S1PO25-A2P
Article Code PNP, NC	—/—	INSD3S06PC25-A2P	INSD3S06PC25-3U8	INSD3S1PC25-A2P
Article Code NPN, NO	—/—	INSD3S06NO25-A2P	INSD3S06NO25-3U8	INSD3S1NO25-A2P
Article Code NPN, NC	—/—	INSD3S06NC25-A2P	INSD3S06NC25-3U8	INSD3S1NC25-A2P

shielded
bündig
Ø 3 mm | 1.0 mm



increased
erhöht

shielded
bündig
M4x0.5 | 0.6 mm



standard

shielded
bündig
M4x0.5 | 0.6 mm



standard

shielded
bündig
M4x0.5 | 1.0 mm

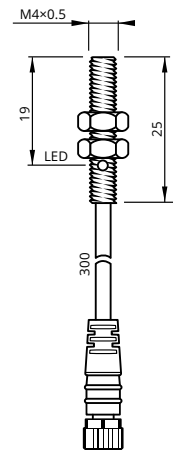
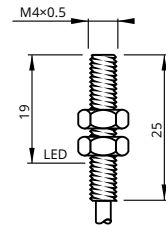
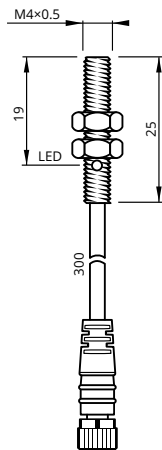
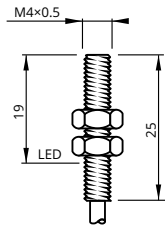
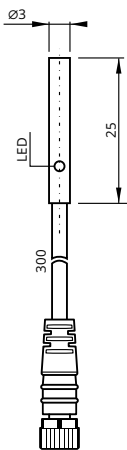


increased
erhöht

shielded
bündig
M4x0.5 | 1.0 mm



increased
erhöht



1.0 mm	0.6 mm	0.6 mm	1.0 mm	1.0 mm
Ø 3 mm	M4x0.5	M4x0.5	M4x0.5	M4x0.5
10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<8 mA	<8 mA	<8 mA	<8 mA	<8 mA
200 mA	200 mA	200 mA	200 mA	200 mA
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA
2000 Hz	2000 Hz	2000 Hz	2000 Hz	2000 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	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
PUR, 300 mm, M8	PUR, ultra-flex	PUR, 300 mm, M8	PUR, ultra-flex	PUR, 300 mm, M8
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INSD3S1PO25-3U8	INS4S06PO25-A2P	INS4S06PO25-3U8	INS4S1PO25-A2P	INS4S1PO25-3U8
INSD3S1PC25-3U8	INS4S06PC25-A2P	INS4S06PC25-3U8	INS4S1PC25-A2P	INS4S1PC25-3U8
INSD3S1NO25-3U8	INS4S06NO25-A2P	INS4S06NO25-3U8	INS4S1NO25-A2P	INS4S1NO25-3U8
INSD3S1NC25-3U8	INS4S06NC25-A2P	INS4S06NC25-3U8	INS4S1NC25-A2P	INS4S1NC25-3U8

Minor changes possible
Geringfügige Änderungen möglich