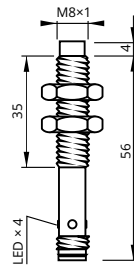


3-Wire 3-Leiter

unshielded
nicht bündig
M8x1 | 6 mm



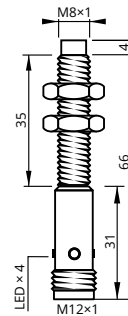
extended
erweitert



unshielded
nicht bündig
M8x1 | 6 mm



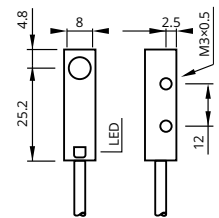
extended
erweitert



shielded
bündig
8 x 8 | 2 mm



increased
erhöht



Sensing Distance	Schaltabstand	6 mm	6 mm	2 mm
Housing Size	Gehäusegröße	M8x1	M8x1	8 x 8
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	Ausgangsbelastbarkeit	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	500 Hz	500 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	brass	brass	brass
Connection	Anschluss	conn. M8 Stecker M8	conn. M12 Stecker M12	PVC, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO		INS8N6PO60-M8	INS8N6PO70-M12	INS88S2PO30-A2P
Article Code PNP, NC		INS8N6PC60-M8	INS8N6PC70-M12	INS88S2PC30-A2P
Article Code PNP, NO+NC				
Article Code NPN, NO		INS8N6NO60-M8	INS8N6NO70-M12	INS88S2NO30-A2P
Article Code NPN, NC		INS8N6NC60-M8	INS8N6NC70-M12	INS88S2NC30-A2P
Article Code NPN, NO+NC				

shielded
bündig
8 × 8 | 2 mm



increased
erhöht

shielded
bündig
8 × 8 | 2 mm



increased
erhöht

shielded
bündig
8 × 8 | 2 mm



increased
erhöht

shielded
bündig
8 × 8 | 2 mm

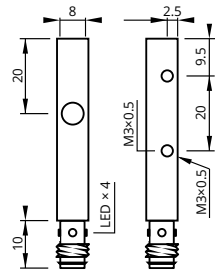
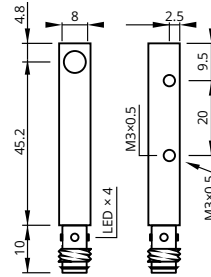
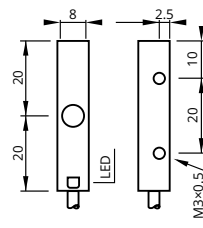
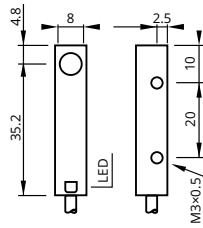
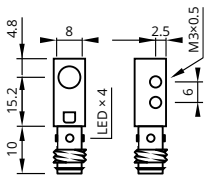


increased
erhöht

shielded
bündig
8 × 8 | 2 mm



increased
erhöht



2 mm	2 mm	2 mm	2 mm	2 mm
8 × 8	8 × 8	8 × 8	8 × 8	8 × 8
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
1000 Hz	1000 Hz	1000 Hz	1000 Hz	1000 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
brass	brass	brass	brass	brass
conn. M8 Stecker M8	PVC, ultra-flex	PVC, ultra-flex	conn. M8 Stecker M8	conn. M8 Stecker M8
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS88S2PO30-M8	INS88S2PO40-A2P	INS88S2PO40C-A2P	INS88S2PO60-M8	INS88S2PO60C-M8
INS88S2PC30-M8	INS88S2PC40-A2P	INS88S2PC40C-A2P	INS88S2PC60-M8	INS88S2PC60C-M8
INS88S2NO30-M8	INS88S2NO40-A2P	INS88S2NO40C-A2P	INS88S2NO60-M8	INS88S2NO60C-M8
INS88S2NC30-M8	INS88S2NC40-A2P	INS88S2NC40C-A2P	INS88S2NC60-M8	INS88S2NC60C-M8

Minor changes possible
Geringfügige Änderungen möglich