

3-Wire 3-Leiter

shielded
bündig
8 × 8 | 3 mm



extended
erweitert

shielded
bündig
8 × 8 | 3 mm

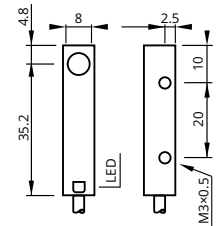
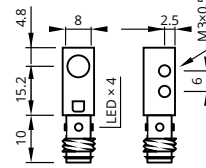
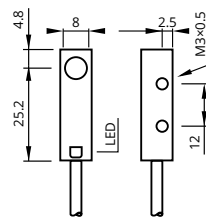


extended
erweitert

shielded
bündig
8 × 8 | 3 mm



extended
erweitert



Sensing Distance	Schaltabstand	3 mm	3 mm	3 mm
Housing Size	Gehäusegröße	8 × 8	8 × 8	8 × 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	1000 Hz	1000 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	PVC, ultra-flex	conn. M8 Stecker M8	PVC, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO		INS88S3PO30-A2P	INS88S3PO30-M8	INS88S3PO40-A2P
Article Code PNP, NC		INS88S3PC30-A2P	INS88S3PC30-M8	INS88S3PC40-A2P
Article Code PNP, NO+NC				
Article Code NPN, NO		INS88S3NO30-A2P	INS88S3NO30-M8	INS88S3NO40-A2P
Article Code NPN, NC		INS88S3NC30-A2P	INS88S3NC30-M8	INS88S3NC40-A2P
Article Code NPN, NO+NC				

shielded
bündig
8 × 8 | 3 mm



extended
erweitert

shielded
bündig
8 × 8 | 3 mm



extended
erweitert

shielded
bündig
8 × 8 | 3mm



extended
erweitert

shielded
bündig
M12×1 | 2 mm

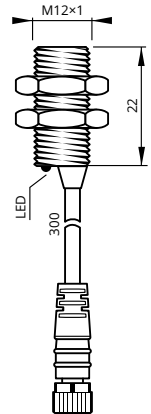
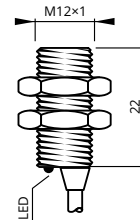
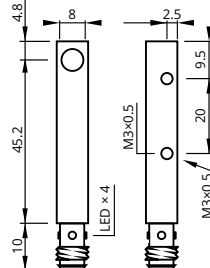
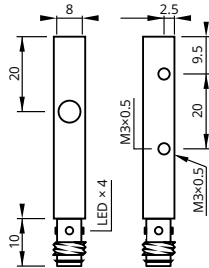
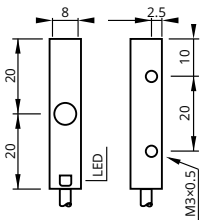


standard

shielded
bündig
M12×1 | 2 mm



standard



3 mm	3 mm	3mm	2 mm	2 mm
8 × 8	8 × 8	8 × 8	M12×1	M12×1
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	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
brass	brass	brass	brass	brass
PVC, ultra-flex	conn. M8 Stecker M8	conn. M8 Stecker M8	PVC, ultra-flex	PVC, 300 mm, M12
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS88S3PO40C-A2P	INS88S3PO60C-M8	INS88S3PO60-M8	INS12S2PO22-A2P	INS12S2PO22-3P12
INS88S3PC40C-A2P	INS88S3PC60C-M8	INS88S3PC60-M8	INS12S2PC22-A2P	INS12S2PC22-3P12
INS88S3NO40C-A2P	INS88S3NO60C-M8	INS88S3NO60-M8	INS12S2NO22-A2P	INS12S2NO22-3P12
INS88S3NC40C-A2P	INS88S3NC60C-M8	INS88S3NC60-M8	INS12S2NC22-A2P	INS12S2NC22-3P12

Minor changes possible
Geringfügige Änderungen möglich