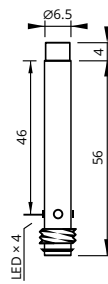


3-Wire 3-Leiter

unshielded
nicht bündig
Ø 6.5 mm | 6 mm



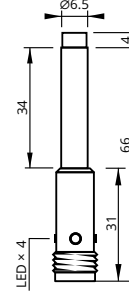
extended
erweitert



unshielded
nicht bündig
Ø 6.5 mm | 6 mm



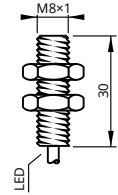
extended
erweitert



shielded
bündig
M8x1 | 1 mm



standard



Sensing Distance	Schaltabstand	6 mm	6 mm	1 mm
Housing Size	Gehäusegröße	Ø 6.5 mm	Ø 6.5 mm	M8x1
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	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	SS303	SS303
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		INSD6N6PO60-M8	INSD6N6PO70-M12	INS8S1PO30-A2P
Article Code PNP, NC		INSD6N6PC60-M8	INSD6N6PC70-M12	INS8S1PC30-A2P
Article Code PNP, NO+NC				
Article Code NPN, NO		INSD6N6NO60-M8	INSD6N6NO70-M12	INS8S1NO30-A2P
Article Code NPN, NC		INSD6N6NC60-M8	INSD6N6NC70-M12	INS8S1NC30-A2P
Article Code NPN, NO+NC				

shielded
bündig
M8×1 | 1 mm



standard

shielded
bündig
M8×1 | 1 mm



standard

shielded
bündig
M8×1 | 1 mm



standard

shielded
bündig
M8×1 | 1 mm

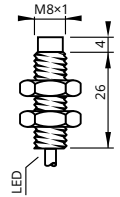
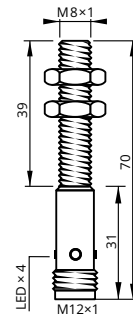
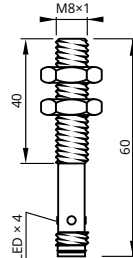
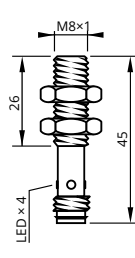
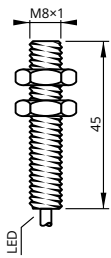


standard

unshielded
nicht bündig
M8×1 | 2 mm



standard



1 mm	1 mm	1 mm	1 mm	2 mm
M8×1	M8×1	M8×1	M8×1	M8×1
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
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	SS303	SS303	SS303	SS303
PVC, ultra-flex	conn. M8 Stecker M8	conn. M8 Stecker M8	conn. M12 Stecker M12	PVC, ultra-flex
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS8S1PO45-A2P	INS8S1PO45-M8	INS8S1PO60-M8	INS8S1PO70-M12	INS8N2PO30-A2P
INS8S1PC45-A2P	INS8S1PC45-M8	INS8S1PC60-M8	INS8S1PC70-M12	INS8N2PC30-A2P
INS8S1NO45-A2P	INS8S1NO45-M8	INS8S1NO60-M8	INS8S1NO70-M12	INS8N2NO30-A2P
INS8S1NC45-A2P	INS8S1NC45-M8	INS8S1NC60-M8	INS8S1NC70-M12	INS8N2NC30-A2P

Minor changes possible
Geringfügige Änderungen möglich