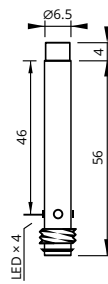


## 3-Wire 3-Leiter

unshielded  
nicht bündig  
Ø 6.5 mm | 2 mm



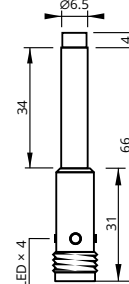
standard



unshielded  
nicht bündig  
Ø 6.5 mm | 2 mm



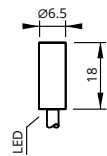
standard



shielded  
bündig  
Ø 6.5 mm | 2 mm



increased  
erhöht

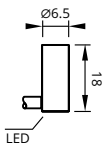


Sensing Distance	Schaltabstand	2 mm	2 mm	2 mm
Housing Size	Gehäusegröße	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm
Operating Voltage	Betriebsspannung	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
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	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 <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )
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		INSD6N2PO60-M8	INSD6N2PO70-M12	INSD6S2PO18-A2P
Article Code PNP, NC		INSD6N2PC60-M8	INSD6N2PC70-M12	INSD6S2PC18-A2P
Article Code PNP, NO+NC				
Article Code NPN, NO		INSD6N2NO60-M8	INSD6N2NO70-M12	INSD6S2NO18-A2P
Article Code NPN, NC		INSD6N2NC60-M8	INSD6N2NC70-M12	INSD6S2NC18-A2P
Article Code NPN, NO+NC				

shielded  
bündig  
Ø 6.5 mm | 2 mm



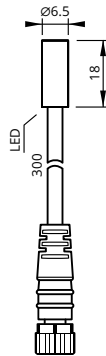
increased  
erhöht



shielded  
bündig  
Ø 6.5 mm | 2 mm



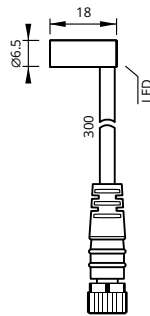
increased  
erhöht



shielded  
bündig  
Ø 6.5 mm | 2 mm



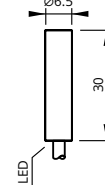
increased  
erhöht



shielded  
bündig  
Ø 6.5 mm | 2 mm



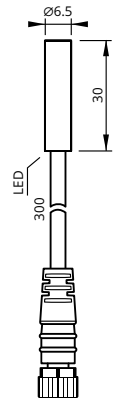
increased  
erhöht



shielded  
bündig  
Ø 6.5 mm | 2 mm



increased  
erhöht



2 mm	2 mm	2 mm	2 mm	2 mm
Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm
10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
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 <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )
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	PUR, 300 mm, M8	PUR, 300 mm, M8	PVC, ultra-flex	PUR, 300 mm, M8
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INSD6S2PO18-RA2P	INSD6S2PO18-3U8	INSD6S2PO18-R3U8	INSD6S2PO30-A2P	INSD6S2PO30-3U8
INSD6S2PC18-RA2P	INSD6S2PC18-3U8	INSD6S2PC18-R3U8	INSD6S2PC30-A2P	INSD6S2PC30-3U8
INSD6S2NO18-RA2P	INSD6S2NO18-3U8	INSD6S2NO18-R3U8	INSD6S2NO30-A2P	INSD6S2NO30-3U8
INSD6S2NC18-RA2P	INSD6S2NC18-3U8	INSD6S2NC18-R3U8	INSD6S2NC30-A2P	INSD6S2NC30-3U8

Minor changes possible  
Geringfügige Änderungen möglich