

3-Wire 3-Leiter

shielded
bündig
Ø 6.5 mm | 3 mm



extended
erweitert

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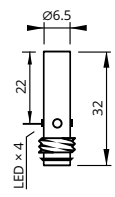
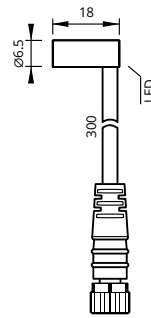


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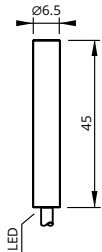


Sensing Distance	Schaltabstand	3 mm	3 mm	3 mm
Housing Size	Gehäusegröße	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	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	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	SS303	SS303	SS303
Connection	Anschluss	PUR, 300 mm, M8	PVC, ultra-flex	conn. M8 Stecker M8
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	— —	INSD6S3PO18-R3U8	INSD6S3PO30-A2P	INSD6S3PO32-M8
Article Code PNP, NC	— —	INSD6S3PC18-R3U8	INSD6S3PC30-A2P	INSD6S3PC32-M8
Article Code PNP, NO+NC	— — + — —			
Article Code NPN, NO	— —	INSD6S3NO18-R3U8	INSD6S3NO30-A2P	INSD6S3NO32-M8
Article Code NPN, NC	— —	INSD6S3NC18-R3U8	INSD6S3NC30-A2P	INSD6S3NC32-M8
Article Code NPN, NO+NC	— — + — —			

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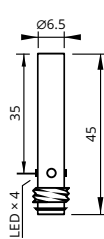
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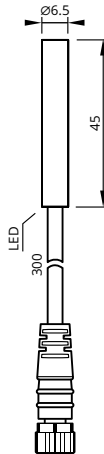
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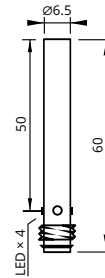
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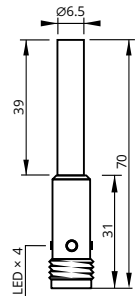
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3 mm	3 mm	3 mm	3 mm	3 mm
Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm	Ø 6.5 mm
10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<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
SS303	SS303	SS303	SS303	SS303
PVC, ultra-flex	conn. M8 Stecker M8	PVC, ultra-flex	conn. M8 Stecker M8	conn. M12 Stecker M12
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INSD6S3PO45-A2P	INSD6S3PO45-M8	INSD6S3PO45-3U8	INSD6S3PO60-M8	INSD6S3PO70-M12
INSD6S3PC45-A2P	INSD6S3PC45-M8	INSD6S3PC45-3U8	INSD6S3PC60-M8	INSD6S3PC70-M12
INSD6S3NO45-A2P	INSD6S3NO45-M8	INSD6S3NO45-3U8	INSD6S3NO60-M8	INSD6S3NO70-M12
INSD6S3NC45-A2P	INSD6S3NC45-M8	INSD6S3NC45-3U8	INSD6S3NC60-M8	INSD6S3NC70-M12

Minor changes possible
Geringfügige Änderungen möglich