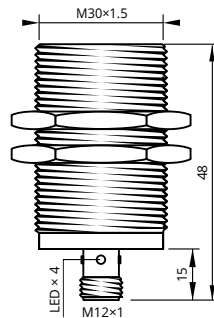


3-Wire
3-Leiter

semi-shielded
quasi-bündig
M30×1.5 | 22 mm



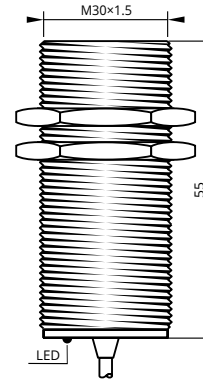
extended
erweitert



semi-shielded
quasi-bündig
M30×1.5 | 22 mm



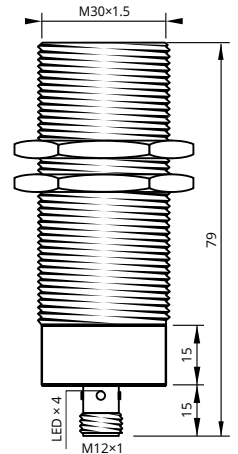
extended
erweitert



semi-shielded
quasi-bündig
M30×1.5 | 22 mm



extended
erweitert

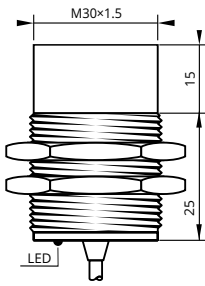


Sensing Distance	Schaltabstand	22 mm	22 mm	22 mm
Housing Size	Gehäusegröße	M30×1.5	M30×1.5	M30×1.5
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	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	150 Hz	150 Hz	150 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. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	— —	INS30S22PO48-M12	INS30S22PO55-A2P	INS30S22PO79-M12
Article Code PNP, NC	— /	INS30S22PC48-M12	INS30S22PC55-A2P	INS30S22PC79-M12
Article Code PNP, NO+NC	— — + — /			
Article Code NPN, NO	— —	INS30S22NO48-M12	INS30S22NO55-A2P	INS30S22NO79-M12
Article Code NPN, NC	— /	INS30S22NC48-M12	INS30S22NC55-A2P	INS30S22NC79-M12
Article Code NPN, NO+NC	— — + — /			

unshielded
nicht bündig
M30×1.5 | 25 mm



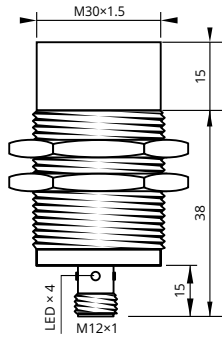
increased
erhöht



unshielded
nicht bündig
M30×1.5 | 25 mm



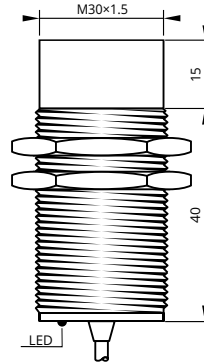
increased
erhöht



unshielded
nicht bündig
M30×1.5 | 25 mm



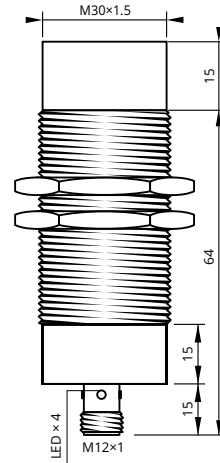
increased
erhöht



unshielded
nicht bündig
M30×1.5 | 25 mm



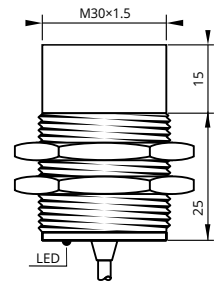
increased
erhöht



unshielded
nicht bündig
M30×1.5 | 40 mm



extended
erweitert



25 mm	25 mm	25 mm	25 mm	40 mm
M30×1.5	M30×1.5	M30×1.5	M30×1.5	M30×1.5
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
100 Hz	100 Hz	100 Hz	100 Hz	100 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. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS30N25PO40-A2P	INS30N25PO53-M12	INS30N25PO55-A2P	INS30N25PO79-M12	INS30N40PO40-A2P
INS30N25PC40-A2P	INS30N25PC53-M12	INS30N25PC55-A2P	INS30N25PC79-M12	INS30N40PC40-A2P
	INS30N25PCO53-M12	INS30N25PCO55-A2P	INS30N25PCO79-M12	
INS30N25NO40-A2P	INS30N25NO53-M12	INS30N25NO55-A2P	INS30N25NO79-M12	INS30N40NO40-A2P
INS30N25NC40-A2P	INS30N25NC53-M12	INS30N25NC55-A2P	INS30N25NC79-M12	INS30N40NC40-A2P
	INS30N25NCO53-M12	INS30N25NCO55-A2P	INS30N25NCO79-M12	

Minor changes possible
Geringfügige Änderungen möglich