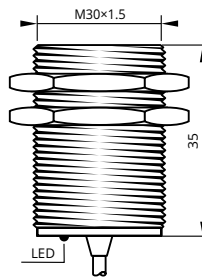


2-Wire AC|DC
2-Leiter AC|DC

shielded
bündig
M30x1.5 | 16 mm



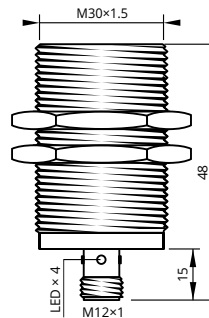
increased
erhöht



shielded
bündig
M30x1.5 | 16 mm



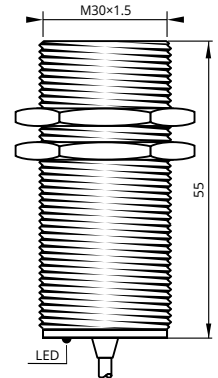
increased
erhöht



shielded
bündig
M30x1.5 | 16 mm



increased
erhöht



Sensing Distance	Schaltabstand	16 mm	16 mm	16 mm
Housing Size	Gehäusegröße	M30x1.5	M30x1.5	M30x1.5
Operating Voltage	Betriebsspannung	24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}
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
Load Resistor	Lastwiderstand	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA
Output Following Frequency	Ausgangsfolgefrequenz	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 Messing	brass Messing	brass Messing
Connection	Anschluss	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	—/—	INS30S16UO35-A2P	INS30S16UO48-M12	INS30S16UO55-A2P
Article Code PNP, NC	—/—	INS30S16UC35-A2P	INS30S16UC48-M12	INS30S16UC55-A2P

shielded
bündig
M30×1.5 | 16 mm



increased
erhöht

unshielded
nicht bündig
M30×1.5 | 25 mm



standard

unshielded
nicht bündig
M30×1.5 | 25 mm



standard

unshielded
nicht bündig
M30×1.5 | 25 mm

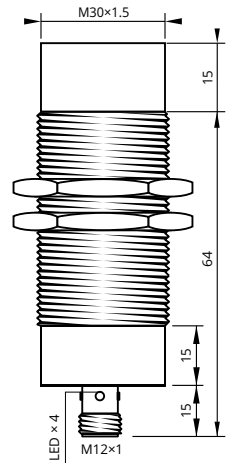
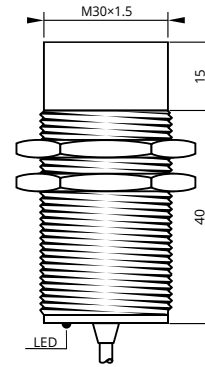
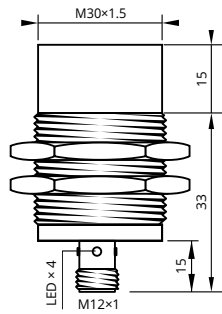
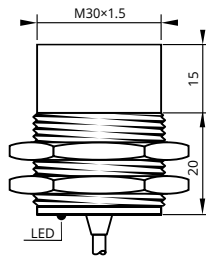
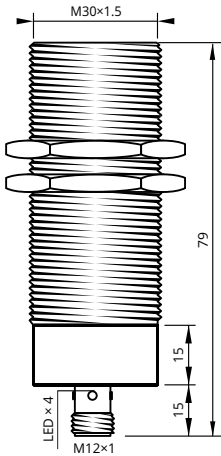


increased
erhöht

unshielded
nicht bündig
M30×1.5 | 25 mm



increased
erhöht



16 mm	25 mm	25 mm	25 mm	25 mm
M30×1.5	M30×1.5	M30×1.5	M30×1.5	M30×1.5
24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}	24...255 V _{DC} V _{AC}
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
150 Hz	150 Hz	150 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 Messing	brass Messing	brass Messing	brass Messing	brass Messing
conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS30S16UO79-M12	INS30N25UO35-A2P	INS30N25UO48-M12	INS30N25UO55-A2P	INS30N25UO79-M12
INS30S16UC79-M12	INS30N25UC35-A2P	INS30N25UC48-M12	INS30N25UC55-A2P	INS30N25UC79-M12

Minor changes possible
Geringfügige Änderungen möglich