

3-Wire
3-Leiter

shielded
bündig
M30×1.5 | 25 mm



extended
erweitert

shielded
bündig
M30×1.5 | 25 mm

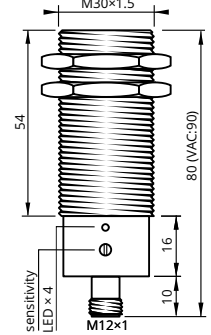
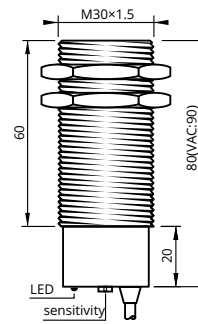
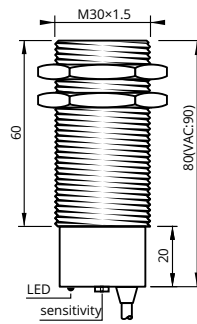


extended
erweitert

shielded
bündig
M30×1.5 | 25 mm



extended
erweitert



Sensing Distance	Schaltabstand	25 mm	25 mm	25 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	<9 mA	<9 mA	<9 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	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA
Switching Frequency	Schaltfrequenz	100 Hz	100 Hz	100 Hz
Adjustment	Einstellung	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti
Repeatability	Wiederholgenauigkeit	<4 % (S _n)	<4 % (S _n)	<4 % (S _n)
Hysteresis	Hysterese	8...15 %	8...15 %	8...15 %
Operating Temperature	Betriebstemperatur	-25...+70 °C	-25...+70 °C	-25...+70 °C
Protection Class	Schutzklasse	IP 67	IP 67	IP 67
Sensing Face	Sensorfläche	POM	POM	POM
Housing Material	Gehäusewerkstoff	brass Messing	PBT	brass Messing
Connection	Anschluss	PVC, ultra-flex	PVC, ultra-flex	conn. M12 Stecker M12
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	—/—	CNS30S25PO80-A2P	CNS30S25PO80P-A2P	CNS30S25PO80-M12
Article Code PNP, NC	—/—	CNS30S25PC80-A2P	CNS30S25PC80P-A2P	CNS30S25PC80-M12
Article Code PNP, NO+NC	—/— + —/—			
Article Code NPN, NO	—/—	CNS30S25NO80-A2P	CNS30S25NO80P-A2P	CNS30S25NO80-M12
Article Code NPN, NC	—/—	CNS30S25NC80-A2P	CNS30S25NC80P-A2P	CNS30S25NC80-M12
Article Code NPN, NO+NC	—/— + —/—			

shielded
bündig
M30×1.5 | 25 mm



extended
erweitert

unshielded
nicht bündig
M30×1.5 | 30 mm



increased
erhöht

unshielded
nicht bündig
M30×1.5 | 30 mm



increased
erhöht

unshielded
nicht bündig
M30×1.5 | 30 mm

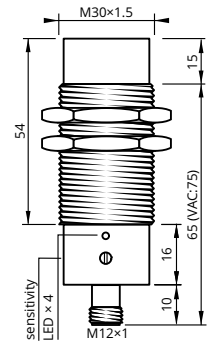
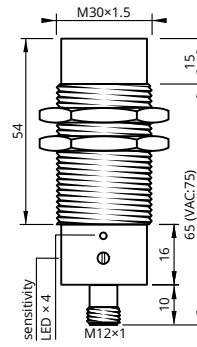
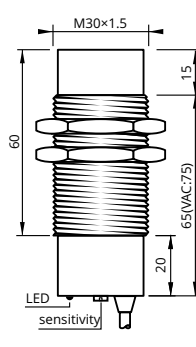
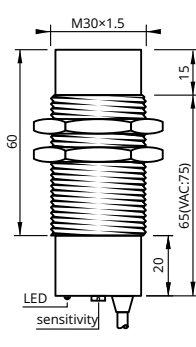
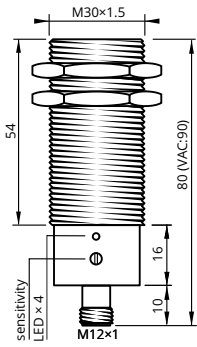


increased
erhöht

unshielded
nicht bündig
M30×1.5 | 30 mm



increased
erhöht



25 mm	30 mm	30 mm	30 mm	30 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
<9 mA	<9 mA	<9 mA	<9 mA	<9 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
<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA
100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti
<4 % (S _n)	<4 % (S _n)	<4 % (S _n)	<4 % (S _n)	<4 % (S _n)
8...15 %	8...15 %	8...15 %	8...15 %	8...15 %
-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C
IP 67	IP 67	IP 67	IP 67	IP 67
POM	POM	POM	POM	POM
PBT	brass Messing	PBT	brass Messing	PBT
conn. M12 Stecker M12	PVC, ultra-flex	PVC, ultra-flex	conn. M12 Stecker M12	conn. M12 Stecker M12
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
CNS30S25PO80P-M12	CNS30N30PO80-A2P	CNS30N30PO80P-A2P	CNS30N30PO80-M12	CNS30N30PO80P-M12
CNS30S25PC80P-M12	CNS30N30PC80-A2P	CNS30N30PC80P-A2P	CNS30N30PC80-M12	CNS30N30PC80P-M12
CNS30S25NO80P-M12	CNS30N30NO80-A2P	CNS30N30NO80P-A2P	CNS30N30NO80-M12	CNS30N30NO80P-M12
CNS30S25NC80P-M12	CNS30N30NC80-A2P	CNS30N30NC80P-A2P	CNS30N30NC80-M12	CNS30N30NC80P-M12

Minor changes possible
Geringfügige Änderungen möglich