

## 3-Wire 3-Leiter

shielded  
bündig  
M8x1 | 2 mm



increased  
erhöht

unshielded  
nicht bündig  
M8x1 | 4 mm

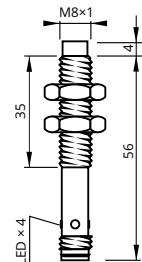
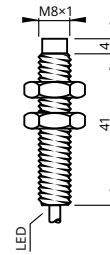
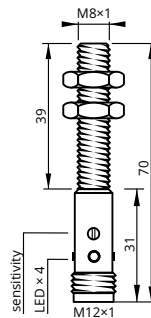


increased  
erhöht

unshielded  
nicht bündig  
M8x1 | 4 mm



increased  
erhöht

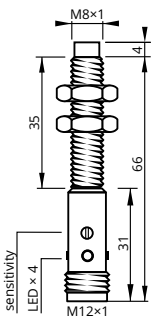


Sensing Distance	Schaltabstand	2 mm	4 mm	4 mm
Housing Size	Gehäusegröße	M8x1	M8x1	M8x1
Operating Voltage	Betriebsspannung	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<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		
Repeatability	Wiederholgenauigkeit	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )
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	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Connection	Anschluss	conn. M12 Stecker M12	PVC, ultra-flex	conn. M8 Stecker M8
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO		CNS852PO70-M12	CNS8N4PO45-A2P	CNS8N4PO60-M8
Article Code PNP, NC		CNS852PC70-M12	CNS8N4PC45-A2P	CNS8N4PC60-M8
Article Code PNP, NO+NC				
Article Code NPN, NO		CNS852NO70-M12	CNS8N4NO45-A2P	CNS8N4NO60-M8
Article Code NPN, NC		CNS852NC70-M12	CNS8N4NC45-A2P	CNS8N4NC60-M8
Article Code NPN, NO+NC				

unshielded  
nicht bündig  
M8×1 | 4 mm



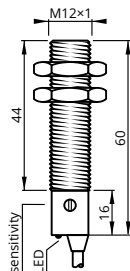
increased  
erhöht



shielded  
bündig  
M12×1 | 4 mm



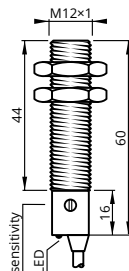
increased  
erhöht



shielded  
bündig  
M12×1 | 4 mm



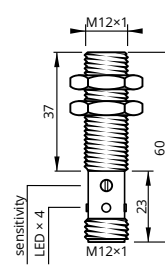
increased  
erhöht



shielded  
bündig  
M12×1 | 4 mm



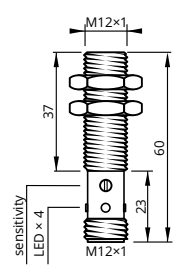
increased  
erhöht



shielded  
bündig  
M12×1 | 4 mm



increased  
erhöht



4 mm	4 mm	4 mm	4 mm	4 mm
M8×1	M12×1	M12×1	M12×1	M12×1
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
<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 <sub>n</sub> )	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )
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
SS303 Edelstahl	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
CNS8N4PO70-M12	CNS12S4PO60-A2P	CNS12S4PO60P-A2P	CNS12S4PO60-M12	CNS12S4PO60P-M12
CNS8N4PC70-M12	CNS12S4PC60-A2P	CNS12S4PC60P-A2P	CNS12S4PC60-M12	CNS12S4PC60P-M12
CNS8N4NO70-M12	CNS12S4NO60-A2P	CNS12S4NO60P-A2P	CNS12S4NO60-M12	CNS12S4NO60P-M12
CNS8N4NC70-M12	CNS12S4NC60-A2P	CNS12S4NC60P-A2P	CNS12S4NC60-M12	CNS12S4NC60P-M12

Minor changes possible  
Geringfügige Änderungen möglich