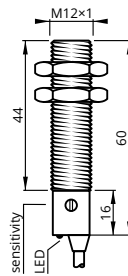


## 3-Wire 3-Leiter

shielded  
bündig  
M12x1 | 6 mm



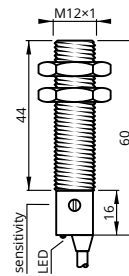
extended  
erweitert



shielded  
bündig  
M12x1 | 6 mm



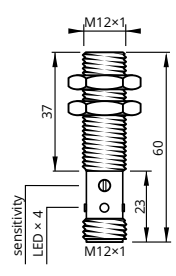
extended  
erweitert



shielded  
bündig  
M12x1 | 6 mm



extended  
erweitert

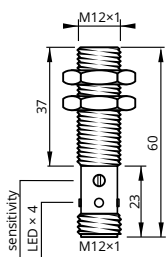


Sensing Distance	Schaltabstand	6 mm	6 mm	6 mm
Housing Size	Gehäusegröße	M12x1	M12x1	M12x1
Operating Voltage	Betriebsspannung	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
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	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti
Repeatability	Wiederholgenauigkeit	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )	<4 % (S <sub>n</sub> )
Hysteresis	Hysteresis	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	— —	CNS12S6PO60-A2P	CNS12S6PO60P-A2P	CNS12S6PO60-M12
Article Code PNP, NC	— —	CNS12S6PC60-A2P	CNS12S6PC60P-A2P	CNS12S6PC60-M12
Article Code PNP, NO+NC	— — + — —			
Article Code NPN, NO	— —	CNS12S6NO60-A2P	CNS12S6NO60P-A2P	CNS12S6NO60-M12
Article Code NPN, NC	— —	CNS12S6NC60-A2P	CNS12S6NC60P-A2P	CNS12S6NC60-M12
Article Code NPN, NO+NC	— — + — —			

shielded  
bündig  
M12x1 | 6 mm



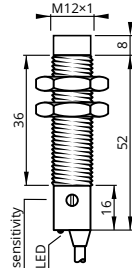
extended  
erweitert



unshielded  
nicht bündig  
M12x1 | 8 mm



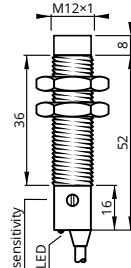
increased  
erhöht



unshielded  
nicht bündig  
M12x1 | 8 mm



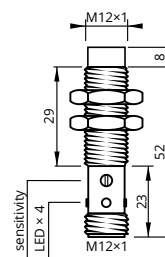
increased  
erhöht



unshielded  
nicht bündig  
M12x1 | 8 mm



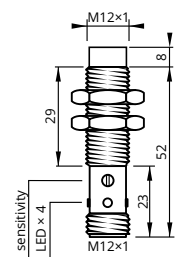
increased  
erhöht



unshielded  
nicht bündig  
M12x1 | 8 mm



increased  
erhöht



6 mm	8 mm	8 mm	8 mm	8 mm
M12x1	M12x1	M12x1	M12x1	M12x1
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
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
CNS12S6PO60P-M12	CNS12N8PO60-A2P	CNS12N8PO60P-A2P	CNS12N8PO60-M12	CNS12N8PO60P-M12
CNS12S6PC60P-M12	CNS12N8PC60-A2P	CNS12N8PC60P-A2P	CNS12N8PC60-M12	CNS12N8PC60P-M12
CNS12S6NO60P-M12	CNS12N8NO60-A2P	CNS12N8NO60P-A2P	CNS12N8NO60-M12	CNS12N8NO60P-M12
CNS12S6NC60P-M12	CNS12N8NC60-A2P	CNS12N8NC60P-A2P	CNS12N8NC60-M12	CNS12N8NC60P-M12

Minor changes possible  
Geringfügige Änderungen möglich