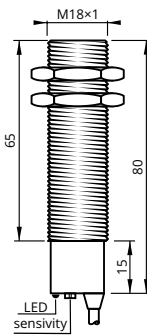


3-Wire
3-Leiter

shielded
bündig
M18x1 | 12 mm



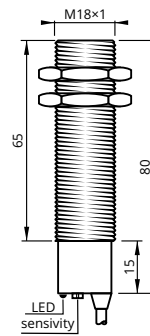
extended
erweitert



shielded
bündig
M18x1 | 12 mm



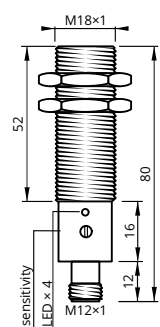
extended
erweitert



shielded
bündig
M18x1 | 12 mm



extended
erweitert

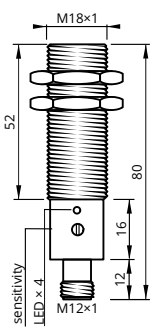


Sensing Distance	Schaltabstand	12 mm	12 mm	12 mm
Housing Size	Gehäusegröße	M18x1	M18x1	M18x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	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	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	— /	CNS18S12PO80-A2P	CNS18S12PO80P-A2P	CNS18S12PO80-M12
Article Code PNP, NC	— /	CNS18S12PC80-A2P	CNS18S12PC80P-A2P	CNS18S12PC80-M12
Article Code PNP, NO+NC	— / + — /			
Article Code NPN, NO	— /	CNS18S12NO80-A2P	CNS18S12NO80P-A2P	CNS18S12NO80-M12
Article Code NPN, NC	— /	CNS18S12NC80-A2P	CNS18S12NC80P-A2P	CNS18S12NC80-M12
Article Code NPN, NO+NC	— / + — /			

shielded
bündig
M18x1 | 12 mm



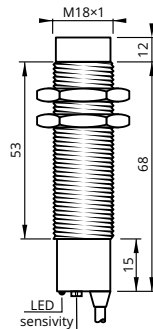
extended
erweitert



unshielded
nicht bündig
M18x1 | 15 mm



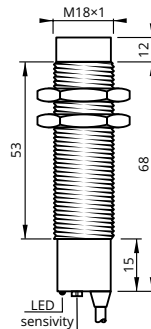
increased
erhöht



unshielded
nicht bündig
M18x1 | 15 mm



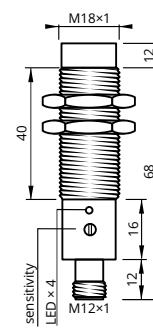
increased
erhöht



unshielded
nicht bündig
M18x1 | 15 mm



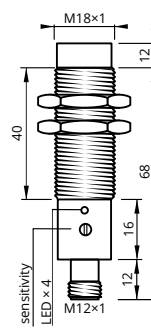
increased
erhöht



unshielded
nicht bündig
M18x1 | 15 mm



increased
erhöht



12 mm	15 mm	15 mm	15 mm	15 mm
M18x1	M18x1	M18x1	M18x1	M18x1
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
CNS18S12PO80P-M12	CNS18N15PO80-A2P	CNS18N15PO80P-A2P	CNS18N15PO80-M12	CNS18N15PO80P-M12
CNS18S12PC80P-M12	CNS18N15PC80-A2P	CNS18N15PC80P-A2P	CNS18N15PC80-M12	CNS18N15PC80P-M12
CNS18S12NO80P-M12	CNS18N15NO80-A2P	CNS18N15NO80P-A2P	CNS18N15NO80-M12	CNS18N15NO80P-M12
CNS18S12NC80P-M12	CNS18N15NC80-A2P	CNS18N15NC80P-A2P	CNS18N15NC80-M12	CNS18N15NC80P-M12

Minor changes possible
Geringfügige Änderungen möglich