

3-Wire High Temperature 3-Leiter Hochtemperatur

shielded
bündig
M12x1 | 4 mm



standard
120 °C · 248 °F

shielded
bündig
M12x1 | 4 mm

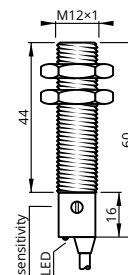
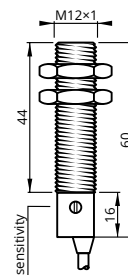
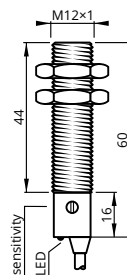


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Sensing Distance	Schaltabstand	4 mm	4 mm	4 mm
Max Temperature	Maximaltemperatur	120 °C · 248 °F	120 °C · 248 °F	120 °C · 248 °F
Housing Size	Gehäusegröße	M12x1	M12x1	M12x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<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
Voltage Drop	Spannungsabfall	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA
Switching Frequency	Schaltfrequenz	50 Hz	50 Hz	50 Hz
Adjustment	Einstellung	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti
Repeatability	Wiederholgenauigkeit	<10 % (S _n)	<10 % (S _n)	<10 % (S _n)
Hysteresis	Hysterese	8...15 %	8...15 %	8...15 %
Operating Temperature	Betriebstemperatur	-25...+120 °C	-25...+120 °C	-25...+120 °C
Protection Class	Schutzklasse	IP 67	IP 67	IP 67
Sensing Face	Sensorfläche	PTFE	PTFE	PTFE
Housing Material	Gehäusewerkstoff	brass Messing	brass Messing	brass Messing
Connection	Anschluss	silicone Silikon	silicone Silikon	PTFE
Switching Indicator	Schaltanzeige	built-in* integriert*		built-in* integriert*
Article Code PNP, NO	—/—	CHH12S4APO60-A2S	CHH12S4APO60-N2S	CHH12S4APO60-A2T
Article Code PNP, NC	—/—	CHH12S4APC60-A2S	CHH12S4APC60-N2S	CHH12S4APC60-A2T
Article Code NPN, NO	—/—	CHH12S4ANO60-A2S	CHH12S4ANO60-N2S	CHH12S4ANO60-A2T
Article Code NPN, NC	—/—	CHH12S4ANC60-A2S	CHH12S4ANC60-N2S	CHH12S4ANC60-A2T

* Only for mechanical set-up. LED may die if operated beyond 120 °C (248 °F). The LED functionality is not covered by warranty.
* Nur zur mechanischen Einstellung. Die LED kann bei Temperaturen über 120 °C ausfallen. Keine Garantie auf die LED.

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unshielded
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M12×1 | 8 mm



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M12×1 | 8 mm

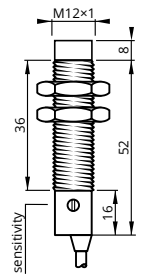
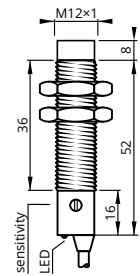
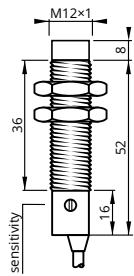
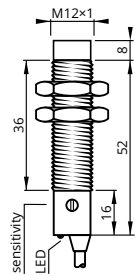
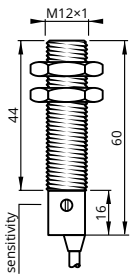


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120 °C · 248 °F

unshielded
nicht bündig
M12×1 | 8 mm



standard
120 °C · 248 °F



4 mm	8 mm	8 mm	8 mm	8 mm
120 °C · 248 °F	120 °C · 248 °F	120 °C · 248 °F	120 °C · 248 °F	120 °C · 248 °F
M12×1	M12×1	M12×1	M12×1	M12×1
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
<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
<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA	<2 V @ 200 mA
50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti	multi turn pot. Mehrgangpoti
<10 % (S _n)	<10 % (S _n)	<10 % (S _n)	<10 % (S _n)	<10 % (S _n)
8...15 %	8...15 %	8...15 %	8...15 %	8...15 %
-25...+120 °C	-25...+120 °C	-25...+120 °C	-25...+120 °C	-25...+120 °C
IP 67	IP 67	IP 67	IP 67	IP 67
PTFE	PTFE	PTFE	PTFE	PTFE
brass Messing	brass Messing	brass Messing	brass Messing	brass Messing
PTFE	silicone Silikon	silicone Silikon	PTFE	PTFE
	built-in* integriert*		built-in* integriert*	
CHH12S4APO60-N2T	CHH12N8APO60-A2S	CHH12N8APO60-N2S	CHH12N8APO60-A2T	CHH12N8APO60-N2T
CHH12S4APC60-N2T	CHH12N8APC60-A2S	CHH12N8APC60-N2S	CHH12N8APC60-A2T	CHH12N8APC60-N2T
CHH12S4ANO60-N2T	CHH12N8ANO60-A2S	CHH12N8ANO60-N2S	CHH12N8ANO60-A2T	CHH12N8ANO60-N2T
CHH12S4ANC60-N2T	CHH12N8ANC60-A2S	CHH12N8ANC60-N2S	CHH12N8ANC60-A2T	CHH12N8ANC60-N2T

Minor changes possible
Geringfügige Änderungen möglich