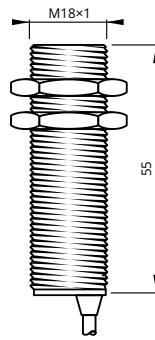


**3-Wire High Temperature
3-Leiter Hochtemperatur**

shielded
bündig
M18x1 | 5 mm



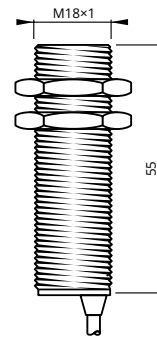
standard
180 °C · 356 °F



shielded
bündig
M18x1 | 5 mm



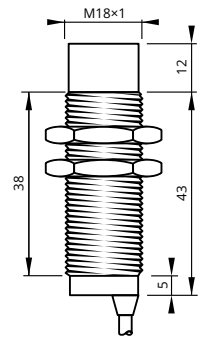
standard
180 °C · 356 °F



unshielded
nicht bündig
M18x1 | 8 mm



standard
180 °C · 356 °F



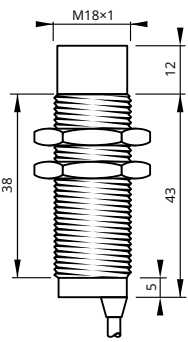
Sensing Distance	Schaltabstand	5 mm	5 mm	8 mm
Max Temperature	Höchsttemperatur	180 °C · 356 °F	180 °C · 356 °F	180 °C · 356 °F
Housing Size	Gehäusegröße	M18x1	M18x1	M18x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA
Current Load Capability	Ausgangsbelaastbarkeit	150 mA	150 mA	150 mA
Short Circuit Protection	Kurzschlusschutz	built-in integriert	built-in integriert	built-in integriert
Voltage Drop	Spannungsabfall	<2V @ 150 mA	<2V @ 150 mA	<2V @ 150 mA
Switching Frequency	Schaltfrequenz	500 Hz	500 Hz	500 Hz
Correction Factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
Repeatability	Wiederholgenauigkeit	<3%	<3%	<3%
Hysteresis	Hysterese	3...15%	3...15%	3...15%
Operating Temperature	Betriebstemperatur	-25...+180 °C	-25...+180 °C	-25...+180 °C
Protection Class	Schutzklasse	IP 67	IP 67	IP 67
Sensing Face	Sensorfläche	PTFE	PTFE	PTFE
Housing Material	Gehäusewerkstoff	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Connection	Anschluss	silicone Silikon	PTFE	silicone Silikon
Switching Indicator	Schaltanzeige			
Article Code PNP, NO	—/—	IHH18S5PO55C-N2S	IHH18S5PO55C-N2T	IHH18N8PO55C-N2S
Article Code PNP, NC	—/—	IHH18S5PC55C-N2S	IHH18S5PC55C-N2T	IHH18N8PC55C-N2S
Article Code NPN, NO	—/—	IHH18S5NO55C-N2S	IHH18S5NO55C-N2T	IHH18N8NO55C-N2S
Article Code NPN, NC	—/—	IHH18S5NC55C-N2S	IHH18S5NC55C-N2T	IHH18N8NC55C-N2S

* 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.

unshielded
nicht bündig
M18x1 | 8 mm



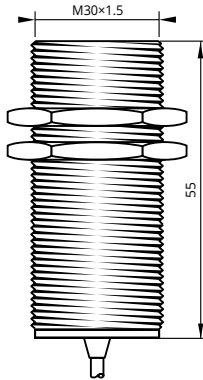
standard
180 °C · 356 °F



shielded
bündig
M30x1.5 | 10 mm



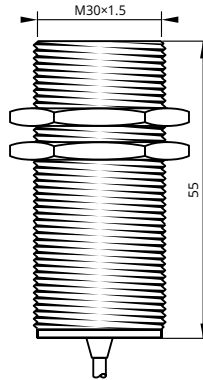
standard
180 °C · 356 °F



shielded
bündig
M30x1.5 | 10 mm



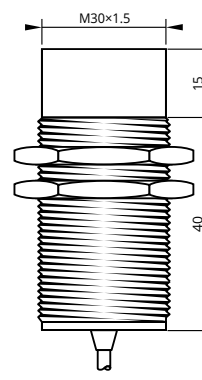
standard
180 °C · 356 °F



unshielded
nicht bündig
M30x1.5 | 15 mm



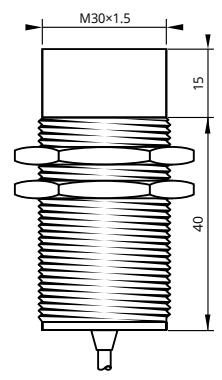
standard
180 °C · 356 °F



unshielded
nicht bündig
M30x1.5 | 15 mm



standard
180 °C · 356 °F



8 mm	10 mm	10 mm	15 mm	15 mm
180 °C · 356 °F	180 °C · 356 °F	180 °C · 356 °F	180 °C · 356 °F	180 °C · 356 °F
M18x1	M30x1.5	M30x1.5	M30x1.5	M30x1.5
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
<8 mA	<8 mA	<8 mA	<8 mA	<8 mA
150 mA	150 mA	150 mA	150 mA	150 mA
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<2V @ 150 mA	<2V @ 150 mA	<2V @ 150 mA	<2V @ 150 mA	<2V @ 150 mA
500 Hz	200 Hz	200 Hz	200 Hz	200 Hz
Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
<3%	<3%	<3%	<3%	<3%
3...15%	3...15%	3...15%	3...15%	3...15%
-25...+180 °C	-25...+180 °C	-25...+180 °C	-25...+180 °C	-25...+180 °C
IP 67	IP 67	IP 67	IP 67	IP 67
PTFE	PTFE	PTFE	PTFE	PTFE
SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
PTFE	silicone Silikon	PTFE	silicone Silikon	PTFE
IHH18N8PO55C-N2T	IHH30S10PO55C-N2S	IHH30S10PO55C-N2T	IHH30N15PO55C-N2S	IHH30N15PO55C-N2T
IHH18N8PC55C-N2T	IHH30S10PC55C-N2S	IHH30S10PC55C-N2T	IHH30N15PC55C-N2S	IHH30N15PC55C-N2T
IHH18N8NO55C-N2T	IHH30S10NO55C-N2S	IHH30S10NO55C-N2T	IHH30N15NO55C-N2S	IHH30N15NO55C-N2T
IHH18N8NC55C-N2T	IHH30S10NC55C-N2S	IHH30S10NC55C-N2T	IHH30N15NC55C-N2S	IHH30N15NC55C-N2T

Minor changes possible
Geringfügige Änderungen möglich