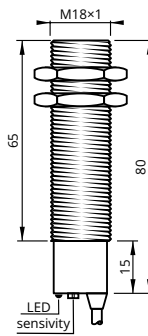


3-Wire High Temperature 3-Leiter Hochtemperatur

shielded
bündig
M18x1 | 8 mm



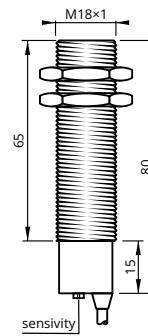
standard
120 °C · 248 °F



shielded
bündig
M18x1 | 8 mm



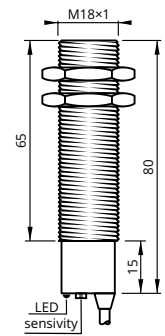
standard
120 °C · 248 °F



shielded
bündig
M18x1 | 8 mm



standard
120 °C · 248 °F



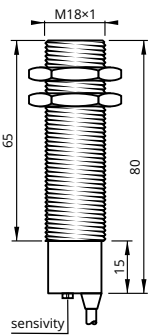
| | | | | |
|-----------------------------|----------------------|------------------------------|------------------------------|------------------------------|
| Sensing Distance | Schaltabstand | 8 mm | 8 mm | 8 mm |
| Max Temperature | Maximaltemperatur | 120 °C · 248 °F | 120 °C · 248 °F | 120 °C · 248 °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 | Ausgangsbelaubarkeit | 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 | —/— | CHH18S8APO80-A2S | CHH18S8APO80-N2S | CHH18S8APO80-A2T |
| Article Code PNP, NC | —/— | CHH18S8APC80-A2S | CHH18S8APC80-N2S | CHH18S8APC80-A2T |
| Article Code NPN, NO | —/— | CHH18S8ANO80-A2S | CHH18S8ANO80-N2S | CHH18S8ANO80-A2T |
| Article Code NPN, NC | —/— | CHH18S8ANC80-A2S | CHH18S8ANC80-N2S | CHH18S8ANC80-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.

shielded
bündig
M18x1 | 8 mm



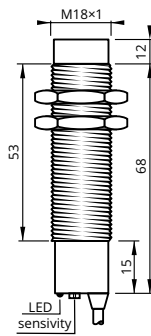
standard
120 °C · 248 °F



unshielded
nicht bündig
M18x1 | 15 mm



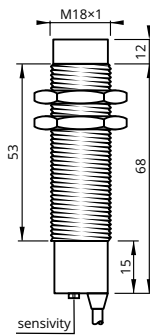
standard
120 °C · 248 °F



unshielded
nicht bündig
M18x1 | 15 mm



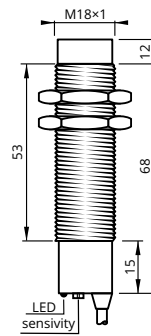
standard
120 °C · 248 °F



unshielded
nicht bündig
M18x1 | 15 mm



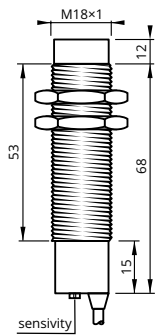
standard
120 °C · 248 °F



unshielded
nicht bündig
M18x1 | 15 mm



standard
120 °C · 248 °F



| | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 8 mm | 15 mm | 15 mm | 15 mm | 15 mm |
| 120 °C · 248 °F | 120 °C · 248 °F | 120 °C · 248 °F | 120 °C · 248 °F | 120 °C · 248 °F |
| 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 |
| <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* | |
| CHH18S8APO80-N2T | CHH18N15APO80-A2S | CHH18N15APO80-N2S | CHH18N15APO80-A2T | CHH18N15APO80-N2T |
| CHH18S8APC80-N2T | CHH18N15APC80-A2S | CHH18N15APC80-N2S | CHH18N15APC80-A2T | CHH18N15APC80-N2T |
| CHH18S8ANO80-N2T | CHH18N15ANO80-A2S | CHH18N15ANO80-N2S | CHH18N15ANO80-A2T | CHH18N15ANO80-N2T |
| CHH18S8ANC80-N2T | CHH18N15ANC80-A2S | CHH18N15ANC80-N2S | CHH18N15ANC80-A2T | CHH18N15ANC80-N2T |

Minor changes possible
Geringfügige Änderungen möglich