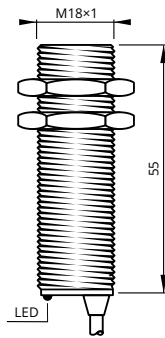


2-Wire DC
2-Leiter DC

shielded
bündig
M18x1 | 5 mm



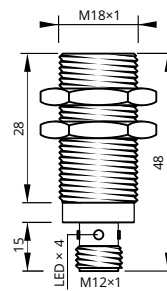
standard



shielded
bündig
M18x1 | 5 mm



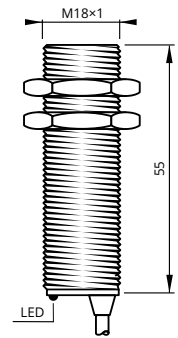
standard



shielded
bündig
M18x1 | 8 mm



increased
erhöht



| | | | | |
|-----------------------------|------------------------|-------------------------------|-------------------------------|-------------------------------|
| Sensing Distance | Schaltabstand | 5 mm | 5 mm | 8 mm |
| Housing Size | Gehäusegröße | M18x1 | M18x1 | M18x1 |
| Operating Voltage | Betriebsspannung | 10...55 V _{DC} | 10...55 V _{DC} | 10...55 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 |
| Load Resistor | Lastwiderstand | <1.5 V @ 200 mA | <1.5 V @ 200 mA | <1.5 V @ 200 mA |
| Output Following Frequency | Ausgangsfolgefrequenz | 1000 Hz | 1000 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 | <1 % (S _n) | <1 % (S _n) | <1 % (S _n) |
| Hysteresis | Hysterese | 3...15 % | 3...15 % | 3...15 % |
| Operating Temperature | Betriebstemperatur | -25...+75 °C | -25...+75 °C | -25...+75 °C |
| Protection Class | Schutzklasse | IP67 | IP67 | IP67 |
| Sensing Face | Sensorfläche | POM | POM | POM |
| Housing Material | Gehäusewerkstoff | brass Messing | brass Messing | brass Messing |
| Connection | Anschluss | PVC, ultra-flex | conn. M12 Stecker M12 | PVC, ultra-flex |
| Switching Indicator | Schaltanzeige | built-in integriert | built-in integriert | built-in integriert |
| Article Code PNP, NO | —/— | INS18S5DO55-A2P | INS18S5DO79-M12 | INS18S8DO55-A2P |
| Article Code PNP, NC | —/— | INS18S5DC55-A2P | INS18S5DC79-M12 | INS18S8DC55-A2P |

shielded
bündig
M18×1 | 8 mm



increased
erhöht

unshielded
nicht bündig
M18×1 | 8 mm



standard

unshielded
nicht bündig
M18×1 | 8 mm



standard

unshielded
nicht bündig
M18×1 | 16 mm

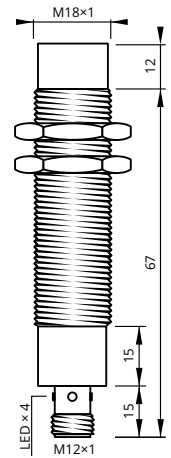
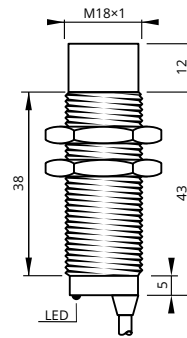
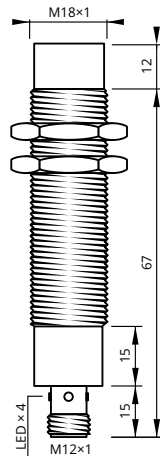
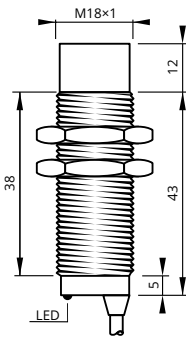
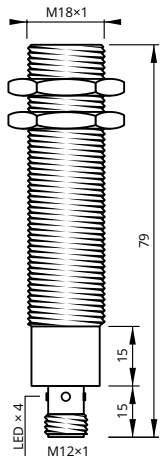


increased
erhöht

unshielded
nicht bündig
M18×1 | 16 mm



increased
erhöht



| | | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 8 mm | 8 mm | 8 mm | 16 mm | 16 mm |
| M18×1 | M18×1 | M18×1 | M18×1 | M18×1 |
| 10...55 V _{DC} | 10...55 V _{DC} | 10...55 V _{DC} | 10...55 V _{DC} | 10...55 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 |
| <1.5 V @ 200 mA | <1.5 V @ 200 mA | <1.5 V @ 200 mA | <1.5 V @ 200 mA | <1.5 V @ 200 mA |
| 500 Hz | 500 Hz | 500 Hz | 150 Hz | 150 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 |
| <1 % (S _n) | <1 % (S _n) | <1 % (S _n) | <1 % (S _n) | <1 % (S _n) |
| 3...15 % | 3...15 % | 3...15 % | 3...15 % | 3...15 % |
| -25...+75 °C | -25...+75 °C | -25...+75 °C | -25...+75 °C | -25...+75 °C |
| IP67 | IP67 | IP67 | IP67 | IP67 |
| POM | POM | POM | POM | POM |
| brass Messing | brass Messing | brass Messing | brass Messing | brass Messing |
| conn. M12 Stecker M12 | PVC, ultra-flex | conn. M12 Stecker M12 | PVC, ultra-flex | conn. M12 Stecker M12 |
| built-in integriert | built-in integriert | built-in integriert | built-in integriert | built-in integriert |
| INS18S8DO79-M12 | INS18N8DO55-A2P | INS18N8DO79-M12 | INS18N16DO55-A2P | INS18N16DO79-M12 |
| INS18S8DC79-M12 | INS18N8DC55-A2P | INS18N8DC79-M12 | INS18N16DC55-A2P | INS18N16DC79-M12 |

Minor changes possible
Geringfügige Änderungen möglich