

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|--|--|----------------------|----------------------------------|--------------------------|---------------|
| 18 mm - Embeddable, eurofast® Connection, PTFE Coated | Bi 7-MT18H-AD4X-H1141 | T4414580-1 | Extended Range | 7 | 2-Wire DC |
| | Bi 5U-MT18-AN6X-H1141 | M1635250 | Uprox | 5 | 3-Wire DC NPN |
| | Bi 5U-MT18-AN6X2-H1141 | M1635255 | Uprox | 5 | |
| | Bi 8U-MT18-AN6X-H1141 | M1644739 | Uprox+ PTFE | 8 | |
| | Bi 8U-MT18-AN6X-H1141/S1589 | M1644791 | Uprox+ PTFE, weldguard | 8 | |
| | Bi 5U-MT18-AP6X-H1141 | M1635240 | Uprox | 5 | 3-Wire DC PNP |
| | Bi 5U-MT18-AP6X2-H1141 | M1635245 | Uprox | 5 | |
| | Bi 8U-MT18-AP6X-H1141 | M1644730 | Uprox+ PTFE | 8 | |
| | Bi 8U-MT18-AP6X-H1141/S1589 | M1644730-1 | Uprox+ PTFE, weldguard | 8 | |
| | 18 mm - Embeddable, eurofast Connection, Short Barrel | Bi 8-M18K-AP6X-H1141 | T4615050 | Ext. Range, Short Barrel | 8 |

For detailed sensor specifications see Section M.
Normally Closed versions available upon request, consult factory.



| Voltage | Switching Freq. (Hz) | Operating Current (mA) | Operating Temp. (°C) | Protection | Housing | Face | Power LED | Output LED | Mating Cordset | Wiring Diagram # | Wiring Diagrams |
|-----------|----------------------|------------------------|----------------------|------------|---------|-------|-----------|------------|----------------|------------------|----------------------|
| 10-65 VDC | 1000 | ≤100 | -25 to +70 | IP 67 | TC | TC | N/A | YE | RK 4,2T-* | 1 | Diagram 1 |
| 10-30 VDC | 2500 | ≤200 | -30 to +85 | IP 67 | TC | PA 12 | N/A | YE | RK 4T-* | 2 | Diagram 2 |
| | 2500 | ≤200 | -30 to +85 | IP 67 | TC | PA 12 | GN | YE | RK 4T-* | 2 | |
| | 1500 | ≤200 | -30 to +85 | IP 68 | TC | LCP | N/A | YE | RK 4T-* | 2 | |
| | 1500 | ≤200 | -30 to +85 | IP 68 | TC | LCP | N/A | YE | RKC 4T-*/S1587 | 2 | |
| 10-30 VDC | 2500 | ≤200 | -30 to +85 | IP 67 | TC | PA 12 | N/A | YE | RK 4T-* | 3 | Diagram 3 |
| | 2500 | ≤200 | -30 to +85 | IP 67 | TC | PA 12 | GN | YE | RK 4T-* | 3 | |
| | 1500 | ≤200 | -30 to +85 | IP 68 | TC | LCP | N/A | YE | RK 4T-* | 3 | |
| | 1500 | ≤200 | -30 to +85 | IP 68 | TC | LCP | N/A | YE | RKC 4T-*/S1587 | 3 | |
| 10-30 VDC | 400 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |

Barrels

* Length in meters.

For material descriptions see page M36.