

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|--|--------------------------------|-------------------------------|-------------------------------------|--------------------|---------------|
| 30 mm - Embeddable, eurofast⁺ Connection | Bi 10-M30-AD4X-H1141 | T4417500 | | 10 | 2-Wire DC |
| | Bi 12-M30-AD4X-H1141 | T4417041 | Extended Range | 12 | |
| | Bi 10U-M30-AD4X-H1144 | M4405072 | Uprox+ | 10 | |
| | Bi 10-M30-AN6X-H1141 | T4617600 | | 10 | 3-Wire DC NPN |
| | Bi 10U-EM30-AN6X-H1141 | M1636350 | Uprox | 10 | |
| | Bi 10U-EM30H-AN6X2-H1141 | M1636407 | Uprox, Stoneface | 10 | |
| | Bi 10U-EM30H-AN6X2-H1141/S1589 | M1636490 | weldguard⁺, Uprox | 10 | |
| | Bi 10U-M30-AN6X-H1141 | M1636150 | Uprox | 10 | |
| | Bi 15-M30-AN6X-H1141 | T4618600 | Extended Range | 15 | |
| | Bi 15-EM30H-AN6X-H1141 | T4618692 | Stoneface, Ext. Range | 15 | |
| | Bi 15U-M30-AN6X-H1141 | M1636736 | Uprox+ | 15 | |
| | Bi 10-M30-AP6X-H1141 | T4617500 | | 10 | 3-Wire DC PNP |
| | Bi 10U-EM30-AP6X-H1141 | M1636340 | Uprox | 10 | |
| | Bi 10U-EM30H-AP6X2-H1141/S1589 | M1636491 | weldguard, Uprox | 10 | |
| | Bi 10U-M30-AP6X-H1141 | M1636140 | Uprox | 10 | |
| | Bi 10U-M30-AP6X2-H1141 | M1636145 | Uprox | 10 | |
| | Bi 15-M30-AP6X-H1141 | T4618500 | Extended Range | 15 | |
| | Bi 15-EM30H-AP6X-H1141 | T4618592 | Stoneface, Ext. Range | 15 | |
| | Bi 15-EM30H-AP6X-H1141/S1589 | T4618593 | weldguard | 15 | |
| | Bi 15U-EM30-AP6X-H1141 | M1636733 | Uprox+ | 15 | |
| Bi 15U-M30-AP6X-H1141 | M1636732 | Stainless steel Uprox+ | 15 | | |
| 30 mm - Embeddable, eurofast⁺ Connection | Bi 15-EM30H-AP6X-H1141/S1610 | T4618589 | Weld/armorguard | 15 | 3-Wire DC PNP |
| 30 mm - Embeddable, eurofast⁺ Connection | Bi 10-M30-VN4X-H1141 | T1571600 | Comp. Outputs | 10 | 4-Wire DC NPN |
| | Bi 10U-M30-VN4X-H1141 | M1582352 | Uprox, Comp. Outputs | 10 | |
| | Bi 15-M30-VN4X-H1141 | T4570711 | Comp. Outputs | 15 | |
| | Bi 10-M30-VP4X-H1141 | T1561600 | Comp. Outputs | 10 | 4-Wire DC PNP |
| | Bi 10U-M30-VP4X-H1141 | M1582253 | Uprox, Comp. Outputs | 10 | |
| | Bi 15-M30-VP4X-H1141 | T4570710 | Comp. Outputs | 15 | |
| | Bi 10-M30-Y1X-H1141 | M4020200 | | | 10 |

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 | 500 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.2T-* | 1 | Diagram 1 |
| | 500 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.2T-* | 1 | |
| | 1000 | ≤100 | -30 to +85 | IP 68 | CPB | LCP | N/A | YE | RK 4T-* | 2 | |
| 10-30 VDC | 500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | Diagram 2 |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | YE | RKV 4T-* | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | SF | GN | YE | RKV 4T-* | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | WG | GN | YE | RKC 4T-*/S1587 | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | SS | SF | N/A | YE | RKC 4T-*/S1587 | 3 | |
| 750 | ≤200 | -30 to +85 | IP 68 | CPB | LCP | N/A | YE | RK 4T-* | 3 | | |
| 10-30 VDC | 500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | Diagram 3 |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | YE | RKV 4T-* | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | WG | GN | YE | RKC 4T-*/S1587 | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | GN | YE | RK 4T-* | 4 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | SS | SF | N/A | YE | RKV 4T-* | 4 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | SS | WG | N/A | YE | RKC 4T-*/S1587 | 4 | |
| | 750 | ≤200 | -30 to +85 | IP 68 | SS | LCP | N/A | YE | RK 4T-* | 4 | |
| 10-30 VDC | 300 | ≤200 | -25 to +70 | IP 67 | AG | WG | N/A | YE | RKC 4T-*/S1587 | 4 | Diagram 4 |
| | 750 | ≤200 | -30 to +85 | IP 68 | CPB | LCP | N/A | YE | RK 4T-* | 4 | |
| 10-30 VDC | 300 | ≤200 | -25 to +70 | IP 67 | AG | WG | N/A | YE | RKC 4T-*/S1587 | 4 | Diagram 5 |
| | 750 | ≤200 | -30 to +85 | IP 68 | CPB | LCP | N/A | YE | RK 4T-* | 4 | |
| 10-65 VDC | 500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 5 | Diagram 6 |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 5 | |
| | 500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 5 | |
| 10-65 VDC | 500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 6 | Diagram 7 |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 6 | |
| | 300 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 6 | |
| 5-30 VDC | 2000 | Remote | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.21T-* | 7 | |

Barrels

* Length in meters.

For material descriptions see page M36.