

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|---|------------------------------------|-----------|-----------------|--------------------|--------------------------------------|
| 18 mm - Embeddable, minifast® Connection | Bi 5-G18-AN6X-B1341 | T4695200 | | 5 | 3-Wire DC NPN |
| | Bi 5-G18-AP6X-B1341 | T4696300 | | 5 | 3-Wire DC PNP |
| | Bi 5-G18-AP6X-B1341/S34 | M4691800 | WFI | 5 | |
| 18 mm - Embeddable, Right Angle, minifast Connection | Bi 5-G18-AN6X-B1441 | T4695600 | | 5 | 3-Wire DC NPN |
| | Bi 5-G18-AP6X-B1441 | T4696700 | | 5 | 3-Wire DC PNP |
| | Bi 5-G18-AP6X-B1441/S34 | M4691900 | WFI | 5 | |
| 18 mm - Embeddable, minifast Connection | Bi 5-G18-ADZ30X2-B1331 | T4208000 | | 5 | 2-Wire AC/DC Short-Circuit Protected |
| | Bi 5U-G18-ADZ30X2-B1331 | M4281212 | Uprox | 5 | |
| | Bi 5-G18-AZ3X-B1331 | T4372000 | | 5 | 2-Wire AC/DC |
| 18 mm - Embeddable, minifast Connection, Teflon Coated | Bi 5-GT18-ADZ30X2-B1331 | T4255290 | | 5 | 2-Wire AC/DC Short-Circuit Protected |
| | Bi 5-GT18-ADZ30X2-B1331/S34 | T4255200 | WFI | 5 | |
| | Bi 5-GT18H-ADZ30X2-B1331/S34/S1589 | T4255284 | weldguard®, WFI | 5 | |
| | Bi 5U-GT18-ADZ30X2-B1331 | M4281222 | Uprox | 5 | |

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



| Output | Switching Freq. (Hz) | Operating Current (mA) VAC/VDC | Operating Temp. (°C) | Protection | Housing | Face | Power LED | Output LED | Mating Cordset | Wiring Diagram # | Wiring Diagrams |
|--------------------------|----------------------|--------------------------------|----------------------|------------|---------|-------|-----------|------------|-----------------|------------------|----------------------|
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 1 | Diagram 1 |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 2 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 2 | Diagram 2 |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 2 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 1 | Diagram 3 |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 2 | |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKM 40-*M | 2 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -25 to +70 | IP 67 | CPB | PA 12 | GN | RD | RKM 30-*M | 3 | |
| | 20 | ≤400/300 | -30 to +85 | IP 67 | CPB | PA 12 | GN | YE | RKM 30-*M | 3 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | RD | RKM 30-*M | 3 | Diagram 3 |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -25 to +70 | IP 67 | TC | TC | GN | RD | RKM 30-*M | 3 | |
| | 20 | ≤400/300 | -25 to +70 | IP 67 | TC | TC | GN | RD | RKM 30-*M | 3 | |
| | 20 | ≤400/300 | -25 to +70 | IP 67 | TC | WG | GN | RD | RKM 311-*M/S600 | 3 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -30 to +85 | IP 67 | TC | TC | GN | YE | RKM 30-*M | 3 | |

Barrels

* Length in meters.

For material descriptions see page M36.