

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output | |
|---|--|--------------------|------------------|--------------------|---------------|--------------|
| 18 mm - Embeddable, Potted-In Cable, Partial Threading | Bi 5-M18-AD4X | T4411000 | | 5 | 2-Wire DC | |
| | Bi 7-M18-AD4X | T4414535 | Ext. Range | 7 | | |
| | Bi 5U-EM18-AN6X | M1635320 | Uprox | 5 | 3-Wire DC NPN | |
| | Bi 5U-M18-AN6X | M1635120 | Uprox | 5 | | |
| | Bi 8-M18-AN6X | T4615130 | Ext. Range | 8 | | |
| | Bi 5-M18-AN6X | M4611100 | | 5 | | |
| | Bi 5-M18-AP6X/S100 | M4611004 | High Temp. 100°C | 5 | 3-Wire DC PNP | |
| | Bi 5U-EM18-AP6X | M1635300 | Uprox | 5 | | |
| | Bi 5U-M18-AP6X | M1635100 | Uprox | 5 | | |
| | Bi 8-M18-AP6X | T4615030 | Ext. Range | 8 | | |
| | Bi 5-M18-VN4X | T1571100 | Comp. Outputs | 5 | 4-Wire DC NPN | |
| | Bi 8-M18-VN4X | T4590703 | Comp. Outputs | 8 | | |
| | Bi 5-M18-VP4X | T1561100 | Comp. Outputs | 5 | 4-Wire DC PNP | |
| | Bi 8-M18-VP4X | T4590704 | Comp. Outputs | 8 | | |
| | 18 mm - Embeddable, Potted-In Cable, Partial Threading, Teflon Coated | Bi 5U-MT18-ADZ30X2 | M4209410 | Uprox | 5 | 2-Wire AC/DC |

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



| Output | Switching Freq. (Hz) | Operating Current (mA) | Operating Temp. (°C) | Protection | Housing | Face | End Cap | Power LED | Output LED | Cable Length/ Cable Mat. | Wiring Diagram # | Wiring Diagrams |
|--------------------------|----------------------|------------------------|----------------------|------------|---------|-------|---------|-----------|------------|--------------------------|------------------|----------------------|
| 10-65 VDC | 1000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 1 | Diagram 1 |
| | 1000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 1 | |
| 10-30 VDC | 2500 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | Diagram 2 |
| | 2500 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | |
| | 500 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | RK 4T-* | 2 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +100 | IP 67 | CPB | IRPA | EPTR | N/A | YE | 2M/PVC | 3 | Diagram 3 |
| | 2500 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 3 | |
| | 2500 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 3 | |
| | 500 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 3 | |
| 10-65 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 4 | Diagram 4 |
| | 500 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 4 | |
| 10-65 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 5 | Diagram 5 |
| | 500 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | EPTR | N/A | YE | 2M/PVC | 5 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -30 to +85 | IP 67 | TC | TC | EPTR | GN | YE | 2M/PVC | 6 | Diagram 6 |

Barrels

For material descriptions see page M22.