

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|--|--------------------|--------------|--------------|--------------------|------------------|
| 18 mm - Embeddable, Terminal Chamber | Bi 5U-EG18SK-AN6X | M1635420 | <i>Uprox</i> | 5 | 3-Wire DC NPN |
| | Bi 5-G18SK-AN6X2 | T4642500 | | 5 | |
| | Bi 5U-EG18SK-AP6X | M1635400 | <i>Uprox</i> | 5 | 3-Wire DC PNP |
| | Bi 5-G18SK-AP6X2 | T4642400 | | 5 | |
| 18 mm - Embeddable, Terminal Chamber | Bi 5-G18SK-AZ3X2 | T4331400 | | 5 | 2-Wire AC/DC |
| 18 mm - Nonembeddable, Terminal Chamber | Ni 8-G18SK-AD4X | T4442200 | | 8 | 2-Wire DC |
| | Ni 10-G18SK-AN6X2 | T4642700 | | 10 | 3-Wire DC NPN |
| | Ni 12U-EG18SK-AN6X | M1645420 | <i>Uprox</i> | 12 | |
| | Ni 10-G18SK-AP6X2 | T4642600 | | 10 | 3-Wire DC PNP |
| Ni 12U-EG18SK-AP6X | M1645400 | <i>Uprox</i> | 12 | | |
| 18 mm - Nonembeddable, Terminal Chamber | Ni 10-G18SK-AZ3X2 | T4331500 | | 10 | 2-Wire AC/DC |

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



| Output | Switching Freq. (Hz) | Operating Current (mA) VAC/VDC | Operating Temp. (°C) | Protection | Housing | Face | End Cap | Power LED | Output LED | Cable Length/ Cable Mat. | Wiring Diagram | Wiring Diagrams |
|--------------------------|----------------------|--------------------------------|----------------------|------------|---------|-------|---------|-----------|------------|--------------------------|----------------|----------------------|
| 10-30 VDC | 2500 | ≤200 | -30 to +85 | IP 67 | SS | PA 12 | N/A | N/A | YE | - - - - | 1 | Diagram 1 |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 1 | |
| 10-30 VDC | 2500 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | N/A | YE | - - - - | 2 | Diagram 2 |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 2 | |
| 20-250 VAC 10-300 VDC | 20 | ≤500 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | Rd | - - - - | 3 | Diagram 3 |
| 10-65 VDC | 1000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | N/A | YE | - - - - | 4 | Diagram 4 |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 1 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | N/A | N/A | YE | - - - - | 1 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 2 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | N/A | N/A | YE | - - - - | 2 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | Rd | - - - - | 3 | |

Barrels

For material descriptions see page A34.