

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|--|----------------------|-----------|--------------------------|--------------------|---------------|
| 12 mm - Nonembeddable, Potted-In Cable | Ni 4-G12-AZ33X | T1304202 | | 4 | 2-Wire AC/DC |
| | Ni 4-G12-ADZ32X | T4205200 | | 4 | 2-Wire AC/DC |
| | Ni 8-G12-ADZ32X | T4205400 | <i>Extended Range</i> | 8 | |
| | | | | | |
| 12 mm - Nonembeddable, Potted-In Cable, Teflon Coated | Ni 4-GT12-ADZ32X/S34 | T4205210 | <i>Weld-field Immune</i> | 4 | 2-Wire AC/DC |
| | Ni 4-GT12-AZ33X/S34 | T1304294 | <i>Weld-field Immune</i> | 4 | 2-Wire AC/DC |
| 12 mm - Embeddable, Terminal Chamber | Bi 2-G12SK-AN6X2 | T4636500 | | 2 | 3-Wire DC NPN |
| | Bi 3U-EG12SK-AN6X | M1634420 | <i>Uprox</i> | 3 | |
| | Bi 2-G12SK-AP6X2 | T4636400 | | 2 | 3-Wire DC PNP |
| | Bi 3U-EG12SK-AP6X | M1634400 | <i>Uprox</i> | 3 | |
| 12 mm - Nonembeddable, Terminal Chamber | Ni 5-G12SK-AN6X2 | T4636700 | | 5 | 3-Wire DC NPN |
| | Ni 8U-EG12SK-AN6X | M1644420 | <i>Uprox</i> | 8 | |
| | Ni 5-G12SK-AP6X2 | T4636600 | | 5 | 3-Wire DC PNP |
| | Ni 8U-EG12SK-AP6X | M1644400 | <i>Uprox</i> | 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 | End Cap | Power LED | Output LED | Cable Length/ Cable Mat. | Wiring Diagram # | Wiring Diagrams |
|--------------------------|----------------------|------------------------|----------------------|------------|---------|-------|---------|-----------|------------|-----------------------------|------------------|---|
| 35-250 VAC | 20 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 1 | <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 1 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 2 </div> <div style="border: 1px solid black; padding: 5px;"> Diagram 3 </div> |
| 10-300 VDC | 20 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 1 | |
| | 20 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 1 | |
| 20-250 VAC 10-300 VDC | 20 | ≤100 | -25 to +70 | IP 67 | TC | TC | EPTR | N/A | YE | 2M/PVC | 1 | |
| 35-250 VAC | 20 | ≤100 | -25 to +70 | IP 67 | TC | TC | EPTR | N/A | YE | 2M/PVC | 1 | |
| 10-30 VDC | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 2 | |
| | 3000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | N/A | YE | - - - - | 2 | |
| 10-30 VDC | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 3 | |
| | 3000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | N/A | YE | - - - - | 3 | |
| 10-30 VDC | 1500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 2 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | N/A | YE | - - - - | 2 | |
| 10-30 VDC | 1500 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | GN | YE | - - - - | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | N/A | YE | - - - - | 3 | |

Barrels

For material descriptions see page M36.