

Inductive Rectangular Sensors



| Housing Style - Rectangular | Part Number | ID Number | Features | Embeddable | Sensing Range (mm) | Output | |
|---|--------------------|--------------------|--------------------------|--------------------------|--------------------|--------------------|------------------|
| 5.5 mm - Embeddable/Nonembeddable, Potted-In Cable | Bi 2-Q5.5-AG6X | S1613108 | | • | 2 | 2-Wire DC | |
| | Bi 2-Q5.5-AN6X | S1613100 | | • | 2 | 3-Wire DC NPN | |
| | Bi 2-Q5.5-AN6X/S34 | S1613101 | <i>Weld-field Immune</i> | • | 2 | | |
| | Ni 3.5-Q5.5-AN6X | S4613610 | | | 3.5 | | |
| | | Bi 2-Q5.5-AP6X | S1613000 | | • | 2 | 3-Wire DC PNP |
| | | Bi 2-Q5.5-AP6X/S34 | S1613001 | <i>Weld-field Immune</i> | • | 2 | |
| | | Ni 3.5-Q5.5-AP6X | S4613601 | | | 3.5 | |
| Bi 2-Q5.5K-AP6X | | S1613015 | | • | 2 | | |
| 5.5 mm - Embeddable/Nonembeddable, Potted-In Cable | Bi 2-Q5.5K-Y1X | S4055300 | | • | 2 | 2-Wire DC NAMUR | |
| | Bi 2-Q5.5K-AN6X | S1613016 | | • | 2 | 3-Wire DC NPN | |
| | Bi 2-Q5.5K-AP6X | S1613015 | | • | 2 | 3-Wire DC PNP | |
| 6.0 mm - Embeddable, Potted-In Cable | Bi 3-Q06-AN6X2 | S1620150 | | • | 3 | 3-Wire DC NPN | |
| | Bi 3-Q06-AP6X2 | S1620100 | | • | 3 | 3-Wire DC PNP | |
| 6.5 mm - Embeddable/Nonembeddable, Potted-In Cable | Bi 1-Q6.5-AN6 | S4613420 | | • | 1 | 3-Wire DC NPN | |
| | Ni 2-Q6.5-AN6 | S4613520 | | | 2 | | |
| | Bi 1-Q6.5-AP6/S34 | S4613401 | <i>Weld-field Immune</i> | • | 1 | 3-Wire DC PNP | |
| | Ni 2-Q6.5-AP6/S34 | S1650023 | <i>Weld-field Immune</i> | • | 2 | | |

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 | Front Cap/ Face | Power LED | Output LED | Cable Length /Jacket | Wiring Diagram # | Wiring Diagrams |
|-----------|----------------------|------------------------|----------------------|------------|---------|-----------------|-----------|------------|----------------------|------------------|----------------------|
| 10-30 VDC | 1000 | ≤50 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 1 | Diagram 1 |
| 10-30 VDC | 2000 | ≤150 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 2 | |
| | 2000 | ≤150 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 2 | |
| | 2000 | ≤150 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 2 | |
| 10-30 VDC | 2000 | ≤150 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 3 | Diagram 2 |
| | 2000 | ≤150 | -25 to +85 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 3 | |
| | 2000 | ≤150 | -25 to +70 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 3 | |
| | 2000 | ≤150 | -25 to +70 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 3 | |
| 5-30 VDC | 2000 | Remote | -25 to +70 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 4 | Diagram 3 |
| 10-30 VDC | 2000 | ≤150 | -25 to +70 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 2 | Diagram 4 |
| 10-30 VDC | 2000 | ≤150 | -25 to +70 | IP 67 | PP | PP | N/A | YE | 2M/PUR | 3 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | PBT | PA | GN | YE | 2M/PUR | 2 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | PBT | PA | GN | YE | 2M/PUR | 3 | |
| 10-30 VDC | 2000 | ≤150 | -25 to +70 | IP 67 | PA 12 | PA | N/A | N/A | 2M/PUR | 2 | |
| | 2000 | ≤150 | -25 to +70 | IP 67 | PA 12 | PA | N/A | N/A | 2M/PUR | 2 | |
| 10-30 VDC | 30 | ≤150 | -25 to +70 | IP 67 | PA 12 | PA | N/A | N/A | 2M/PUR | 3 | |
| | 30 | ≤150 | -25 to +70 | IP 67 | PA 12 | PA | N/A | N/A | 2M/PUR | 3 | |

Rectangular

For material descriptions see page M36.