

Inductive Rectangular Sensors



| Housing Style - Rectangular | Part Number | ID Number | Features | Embeddable | Sensing Range (mm) | Output |
|---|-------------------|-----------|--------------------------|------------|--------------------|---------------|
| 8.0 mm - Embeddable, Potted-In Cable | Bi 8U-Q08-AN6X2 | S1662007 | <i>Uprox</i> | | 8 | 3-Wire DC NPN |
| | Bi 8U-Q08-AP6X2 | S1662006 | <i>Uprox</i> | | 8 | 3-Wire DC PNP |
| 8.0 mm - Embeddable, Potted-In Cable | Bi 5-Q08-AD4X/S34 | S4414550 | Weld-field Immune | • | 5 | 2-Wire DC |
| | Bi 5U-Q08-AN6X2 | S1608911 | <i>Uprox</i> | • | 5 | 3-Wire DC NPN |
| | Bi 7-Q08-AN6X2 | S1601620 | Ext. Range | • | 7 | |
| | Bi 5U-Q08-AP6X2 | S1608901 | <i>Uprox</i> | • | 5 | 3-Wire DC PNP |
| | Bi 7-Q08-AP6X2 | S1601600 | Ext. Range | • | 7 | |
| | Bi 5-Q08-VN6X2 | S1600200 | Comp. Outputs | • | 5 | 4-Wire DC NPN |
| | Bi 7-Q08-VN6X2 | S1600920 | Ext. Range | • | 7 | |
| | Bi 5-Q08-VP6X2 | S1600100 | Comp. Outputs | • | 5 | 4-Wire DC PNP |
| | Bi 7-Q08-VP6X2 | S1600900 | Ext. Range | • | 7 | |
| | Bi 5-Q08-Y1X | S4054000 | | | • | 5 |

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 | ≤200 | -30 to +85 | IP 68 | Zinc | PA12 | GN | YE | 2M/PUR | 2 | <p>Diagram 1</p> |
| 10-30 VDC | 1000 | ≤200 | -30 to +85 | IP 68 | Zinc | PA12 | GN | YE | 2M/PUR | 3 | <p>Diagram 2</p> <p>Diagram 3</p> |
| 10-65 VDC | 50 | ≤100 | -25 to +70 | IP 67 | Zinc | PA 12 | N/A | YE | 2M/PUR | 1 | <p>Diagram 4</p> |
| 10-30 VDC | 250 | ≤200 | -30 to +85 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 2 | <p>Diagram 5</p> |
| | 500 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 2 | |
| 10-30 VDC | 250 | ≤200 | -30 to +85 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 3 | <p>Diagram 5</p> |
| | 500 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 3 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | PUR | 4 | <p>Diagram 6</p> |
| | 500 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | PUR | 4 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 5 | <p>Diagram 5</p> |
| | 500 | ≤200 | -25 to +70 | IP 67 | Zinc | PA 12 | GN | YE | 2M/PUR | 5 | |
| 5-30 VDC | 1000 | Remote | -25 to +70 | IP 67 | Zinc | PA 12 | N/A | YE | 2M/PUR | 6 | |

Rectangular

For material descriptions see page M36.