

Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|--|------------------------|-----------|--|--------------------|-----------------|
| 12 mm - Nonembeddable, eurofast® Connection | Ni 4-M12-AD4X-H1141 | T4406700 | | 4 | 2-Wire DC |
| | Ni 4-M12-AD4X-H1144 | M4406701 | | 4 | |
| | Ni 8-M12-AD4X-H1141 | T4411241 | Ext. Range | 8 | |
| | Ni 8-M12-AD4X-H1144 | T4411289 | Ext. Range | 8 | |
| | Ni 4-EM12-AN7X-H1141 | T4606893 | TTL Compatible | 4 | 3-Wire DC NPN |
| | Ni 4-M12-AN6X-H1141 | T4606800 | | 4 | |
| | Ni 5-M12-AN6X-H1141 | T4671390 | | 5 | |
| | Ni 8-M12-AN6X-H1141 | T4611315 | Ext. Range | 8 | |
| | Ni 8U-EM12-AN6X-H1141 | M1644350 | Uprox | 8 | |
| | Ni 8U-M12-AN6X-H1141 | M1644150 | Uprox | 8 | |
| | Ni 8U-M12-AN6X2-H1141 | M1644155 | Uprox, Dual LED | 8 | |
| | Ni 10U-EM12-AN6X-H1141 | M1634828 | Uprox Stainless Steel | 10 | |
| | Ni 10U-M12-AN6X-H1141 | M1634826 | Uprox Stainless Steel | 10 | |
| | Ni 4-M12-AP6X-H1141 | T4606700 | | 4 | 3-Wire DC PNP |
| | Ni 5-M12-AP6X-H1141 | T4653400 | | 5 | |
| | Ni 8-M12-AP6X-H1141 | T4611310 | Ext. Range | 8 | |
| | Ni 8U-EM12-AP6X-H1141 | M1644340 | Uprox | 8 | |
| | Ni 8U-M12-AP6X-H1141 | M1644140 | Uprox | 8 | |
| | Ni 8U-M12-AP6X2-H1141 | M1644145 | Uprox, Dual LED | 8 | |
| | Ni 10U-EM12-AP6X-H1141 | M1634808 | Uprox Stainless Steel | 10 | |
| | Ni 10U-M12-AP6X-H1141 | M1634806 | Uprox Stainless Steel | 10 | |
| | Ni 4-M12-VN6X-H1141 | T1643100 | Comp. Output | 4 | 4-Wire DC NPN |
| | Ni 8-M12-VN6X-H1141 | T4611323 | Ext. Range, Comp. Output | 8 | |
| | Ni 4-EM12-VP6X-H1141 | M1633101 | Comp. Output | 4 | 4-Wire DC PNP |
| | Ni 4-M12-VP6X-H1141 | T1633100 | Comp. Output | 4 | |
| | Ni 8-M12-VP6X-H1141 | T4611324 | Ext. Range, Comp. Output | 8 | |
| | Ni 5-M12-Y1X-H1141 | M4010300 | | 5 | 2-Wire DC NAMUR |

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 | Power LED | Output LED | Mating Cordset | Wiring Diagram # | Wiring Diagrams |
|-----------|----------------------|------------------------|----------------------|------------|---------|-------|-----------|------------|----------------|------------------|---|
| 10-65 VDC | 2000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.2T-* | 1 | <p>Diagram 1</p> <p>Diagram 2</p> <p>Diagram 3</p> <p>Diagram 4</p> <p>Diagram 5</p> <p>Diagram 6</p> <p>Diagram 7</p> |
| | 2000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.23T-* | 2 | |
| | 2000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.2T-* | 1 | |
| | 2000 | ≤100 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.23T-* | 2 | |
| 10-30 VDC | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKV 4T-* | 3 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKV 4T-* | 3 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | YE | RKV 4T-* | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 3 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | GN | YE | RK 4T-* | 3 | |
| | 1000 | ≤200 | -30 to +85 | IP 68 | SS | LCP | N/A | YE | RK 4T-* | 3 | |
| 10-30 VDC | 1000 | ≤200 | -30 to +85 | IP 68 | CPB | LCP | N/A | YE | RK 4T-* | 3 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RKV 4T-* | 4 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 68 | SS | PA 12 | N/A | YE | RKV 4T-* | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | N/A | YE | RK 4T-* | 4 | |
| | 2000 | ≤200 | -30 to +85 | IP 67 | CPB | PA 12 | GN | YE | RK 4T-* | 4 | |
| | 1000 | ≤200 | -30 to +85 | IP 68 | SS | LCP | N/A | YE | RK 4T-* | 4 | |
| 10-30 VDC | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 5 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 5 | |
| 10-30 VDC | 2000 | ≤200 | -25 to +70 | IP 67 | SS | PA 12 | N/A | YE | RKV 4.4T-* | 6 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 6 | |
| | 2000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.4T-* | 6 | |
| 5-30 VDC | 2000 | Remote | -25 to +70 | IP 67 | CPB | PA 12 | N/A | YE | RK 4.21T-* | 7 | |

Barrels

* Length in meters.

For material descriptions see page M36.