

# Inductive Sensors



| Housing Style   | Part Number                        | ID Number | Features              | Sensing Range (mm) | Output                                  |
|---|------------------------------------|-----------|-----------------------|--------------------|---|
| <b>18 mm - Nonembeddable minifast® Connection</b><br>                           | Ni 12U-G18-ADZ30X2-B1331           | M4281412  | <i>Uprox</i>          | 12                 | 2-Wire AC/DC<br>Short-Circuit Protected |
|   | Ni 14-G18-ADZ30X2-B1331            | T4205407  | <i>Extended Range</i> | 14                 |   |
|   | Ni 10-G18-AZ3X-B1331               | T4372100  |                       |                    | 10                                      |
| <b>18 mm - Nonembeddable minifast Connection, Teflon Coated</b><br>             | Ni 8-GT18-ADZ30X2-B1331/S34        | T4208801  | <i>WFI</i>            | 8                  | 2-Wire AC/DC<br>Short-Circuit Protected |
|   | Ni 8-GT18H-ADZ30X2-B1331/S34/S1589 | T4208890  | <i>weldguard®</i>     | 8                  |   |
|   | Ni 12U-GT18-ADZ30X2-B1331          | M4281422  | <i>Uprox</i>          | 12                 |   |
|   | Ni 14-GT18H-ADZ30X2-B1331/S1589    | T4205484  | <i>weldguard</i>      | 14                 |   |
| <b>18 mm - Nonembeddable, Teflon Coated minifast Right Angle Connection</b><br> | Ni 8-GT18-ADZ30X2-B1431/S34        | T4208901  | <i>WFI</i>            | 8                  | 2-Wire AC/DC<br>Short-Circuit Protected |
|   | Ni 8-GT18H-ADZ30X2-B1431/S34/S1589 | T4208990  | <i>weldguard</i>      | 8                  |   |

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



| Output                   | Switching Freq. (Hz) | Operating Current (mA) VAC/VDC | Operating Temp. (°C) | Protection | Housing | Face  | Power LED | Output LED | Mating Cordset  | Wiring Diagram # | Wiring Diagrams         |
|--------------------------|----------------------|--------------------------------|----------------------|------------|---------|-------|-----------|------------|-----------------|------------------|-------------------------|
| 20-250 VAC<br>10-300 VDC | 20                   | ≤400/300                       | -30 to +85           | IP 67      | CPB     | PA 12 | GN        | YE         | RKM 30-*M       | 1                | <p><b>Diagram 1</b></p> |
|                          | 20                   | ≤400/300                       | -25 to +70           | IP 67      | CPB     | PA 12 | GN        | RD         | RKM 30-*M       | 1                |                         |
| 20-250 VAC<br>10-300 VDC | 20                   | ≤400/300                       | -25 to +70           | IP 67      | CPB     | PA 12 | N/A       | RD         | RKM 30-*M       | 1                |                         |
|                          | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | TC    | GN        | RD         | RKM 30-*M       | 1                |                         |
|                          | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | WG    | GN        | RD         | RKM 311-*M/S600 | 1                |                         |
|                          | 20                   | ≤400/300                       | -30 to +85           | IP 67      | TC      | TC    | GN        | YE         | RKM 30-*M       | 1                |                         |
| 20-250 VAC<br>10-300 VDC | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | WG    | GN        | RD         | RKM 311-*M/S600 | 1                |                         |
|                          | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | WG    | GN        | RD         | RKM 311-*M/S600 | 1                |                         |
| 20-250 VAC<br>10-300 VDC | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | TC    | GN        | RD         | RKM 30-*M       | 1                |                         |
|                          | 20                   | ≤400/300                       | -25 to +70           | IP 67      | TC      | WG    | GN        | RD         | RKM 311-*M/S600 | 1                |                         |

Barrels

\* Length in meters.

For material descriptions see page M36.