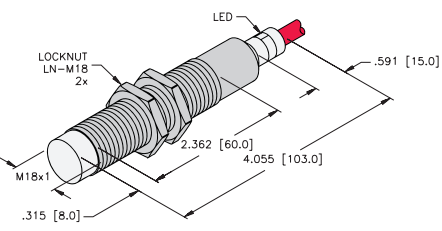
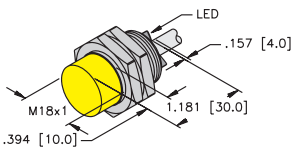
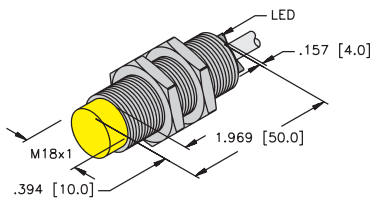
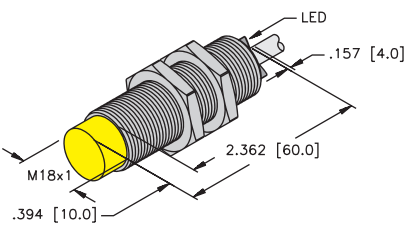


Inductive Sensors



| Housing Style | Part Number | ID Number | Features | Sensing Range (mm) | Output |
|---|----------------------|-----------|-------------------------|--------------------|--------------------------------------|
| 18 mm - Nonembeddable, Partial Threading, Potted-In Cable  | Ni 7-EM18D-VP6X/S120 | M4632100 | <i>High Temp. 120°C</i> | 7 | 4-Wire DC PNP |
| 18 mm - Nonembeddable, Full Threading, Potted-In Cable  | Ni10-G18K-AN6X | T4671500 | <i>Short Barrel</i> | 10 | 3-Wire DC NPN |
| | Ni10-G18K-AP6X | T4670500 | <i>Short Barrel</i> | 10 | 3-Wire DC PNP |
| | Ni10-G18-Y0 | T1006100 | | 10 | 2-Wire NAMUR |
| Ni10-G18-Y0X | T4015100 | | 10 | | |
| 18 mm - Nonembeddable, Full Threading, Potted-In Cable  | Ni10-G18-AN6X | T4641700 | | 10 | 3-Wire DC NPN |
| | Ni10-G18-AN7X | T4740700 | <i>TTL Compatible</i> | 10 | |
| | Ni10-G18-AP6X | T4641600 | | 10 | 3-Wire DC PNP |
| 18 mm - Nonembeddable, Full Threading, Potted-In Cable  | Ni14-G18-ADZ30X2 | T4205402 | <i>Extended Range</i> | 14 | 2-Wire AC/DC Short-Circuit Protected |
| | Ni10-G18-AZ3X | T4330500 | | 10 | 2-Wire AC/DC |

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 | End Cap | Power LED | Output LED | Cable Length/ Cable Mat. | Wiring Diagram # | Wiring Diagrams |
|--------------------------|----------------------|--------------------------------|----------------------|------------|---------|-------|---------|-----------|------------|--------------------------|------------------|---|
| 10-30 VDC | 2000 | ≤200 | -25 to +120 | IP 67 | SS | PTFE | PTFE | N/A | YE | 2M/PTFE | 1 | <p>Diagram 1</p> <p>Diagram 2</p> |
| | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | <p>Diagram 3</p> |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 3 | |
| 5-30 VDC | 500 | Remote | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | N/A | 2M/PVC | 4 | <p>Diagram 4</p> |
| | 500 | Remote | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 4 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | <p>Diagram 5</p> |
| | 1000 | ≤150 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 2 | |
| 10-30 VDC | 1000 | ≤200 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | YE | 2M/PVC | 3 | |
| 20-250 VAC 10-300 VDC | 20 | ≤400/300 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | RD | 2M/PVC | 5 | |
| | 20 | ≤400/300 | -25 to +70 | IP 67 | CPB | PA 12 | EPTR | N/A | RD | 2M/PVC | 5 | |

Barrels

For material descriptions see page M22.