

# Inductive Rectangular Sensors



| Housing Style - Rectangular | Part Number        | ID Number | Features      | Embeddable | Sensing Range (mm) | Output                               |
|-----------------------------|--------------------|-----------|---------------|------------|--------------------|--------------------------------------|
|                             | Ni60-K90SR-VN4X2   | M1574000  | Comp. Outputs |            | 60                 | 4-Wire DC NPN                        |
|                             | Ni60-K90SR-VP4X2   | M1564000  | Comp. Outputs |            | 60                 | 4-Wire DC PNP                        |
|                             | Ni60-K90SR-FDZ30X2 | M4240200  | Prog. Outputs |            | 60                 | 2-Wire AC/DC Short-Circuit Protected |
|                             | Ni60-K90SR-FZ3X2   | M1342900  | Prog. Outputs |            | 60                 | 2-Wire AC/DC                         |
|                             | Ni50-K90SR-Y1      | M1007400  |               |            | 50                 | 2-Wire DC NAMUR                      |

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



| Voltage                  | Switching<br>Freq. (Hz) | Operating<br>Current (mA) | Operating<br>Temp. (°C) | Protection | Housing | Front<br>Cap/Face | Power LED | Output LED | Mating<br>Cord/ Cable<br>Length/Jacket | Wiring<br>Diagram # | Wiring Diagrams      |
|--------------------------|-------------------------|---------------------------|-------------------------|------------|---------|-------------------|-----------|------------|----------------------------------------|---------------------|----------------------|
| 10-65 VDC                | 60                      | ≤200                      | -25 to +70              | IP 67      | PBT     | PBT               | GN        | YE         | - - - -                                | 1                   | <b>Diagram 1</b><br> |
| 10-65 VDC                | 60                      | ≤200                      | -25 to +70              | IP 67      | PBT     | PBT               | GN        | YE         | - - - -                                | 2                   | <b>Diagram 2</b><br> |
| 10-300 VDC<br>20-250 VAC | 100                     | ≤400/300                  | -25 to +70              | IP 67      | PBT     | PBT               | GN        | YE         | - - - -                                | 3                   | <b>Diagram 3</b><br> |
| 10-300 VDC<br>20-250 VAC | 20                      | ≤400/300                  | -25 to +70              | IP 67      | PBT     | PBT               | GN        | YE         | - - - -                                | 3                   | <b>Diagram 3</b><br> |
| 5-30 VDC                 | 100                     | Remote                    | -25 to +70              | IP 67      | PBT     | PBT               | N/A       | N/A        | - - - -                                | 4                   | <b>Diagram 4</b><br> |

For material descriptions see page M36.