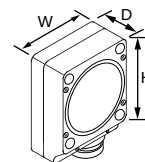


## Plug-in Fixed Sensing Range

| Circuit Type                                         | Output Mode | Voltage Range ★ | Max. Load mA | Min. Load mA | Residual (leakage) Current mA | Operating Frequency Maximum Hz | Voltage drop (across switch) | Inrush current (inductive @ 20ms) | On/Off delay | Power On delay | Dimensions H x W x D | SCP | Catalog Number | Price  |
|------------------------------------------------------|-------------|-----------------|--------------|--------------|-------------------------------|--------------------------------|------------------------------|-----------------------------------|--------------|----------------|----------------------|-----|----------------|--------|
| <b>40mm (1.57") sensing range, Shielded</b>          |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| <b>DC model, screw terminals</b>                     |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O.        | 10-58V          | 100          | 1.5          | 0.8                           | 20                             | 5 V                          | —                                 | 5 ms/40 ms   | 75 ms          | 101, 40, 82          | Yes | XSDC407138     | \$152. |
| <b>40mm (1.57") sensing range, Non-shielded</b>      |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| <b>DC model, screw terminals</b>                     |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O.        | 10-58V          | 100          | 1.5          | 0.8                           | 20                             | 5 V                          | —                                 | 5 ms/40 ms   | 75 ms          | 101, 40, 82          | Yes | XSDC407139     | \$152. |
| PNP                                                  | N.O. + N.C. | 10-58V          | 200          | —            | —                             | 50                             | 1.8 V                        | —                                 | 10 ms        | 10 ms          | 101, 40, 82          | Yes | XSDH407339♦    | 152.   |
| NPN                                                  | N.O. + N.C. | 10-58V          | 200          | —            | —                             | 50                             | 1.8 V                        | —                                 | 10 ms        | 10 ms          | 101, 40, 82          | Yes | XSDJ407339♦    | 152.   |
| <b>AC model, screw terminals</b>                     |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 500          | 5            | 1.5 (P)■                      | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA400519♦    | 181.   |
| 2 wire                                               | N.O./N.C.   | 93-132V         | 500          | 5            | 1.5 (P)■                      | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA4005539♦   | 196.   |
| <b>AC model mini style connector, 3 pins</b>         |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 500          | 5            | 1.5 (P)■                      | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA400519R3♦  | 218.   |
| 2 wire                                               | N.O./N.C.   | 20-132V         | 500          | 5            | 1.5 (P)■                      | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA4005539R3♦ | 233.   |
| <b>AC model with timer</b>                           |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 300          | 5            | 3.5 (R)■                      | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDT023319     | 247.   |
| <b>50mm (2") sensing range, Non-shielded</b>         |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| <b>DC model, screw terminals</b>                     |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O.        | 10-58V          | 100          | 1.5          | .8                            | 20                             | 4 V                          | —                                 | 5 ms/40 ms   | 75 ms          | 101, 40, 82          | Yes | XSDC507139     | 169.   |
| <b>AC model, screw terminals</b>                     |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 500          | 5            | 1.5                           | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA500519     | 197.   |
| 2 wire                                               | N.O./N.C.   | 93-132V         | 500          | 5            | 1.5                           | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | Yes | XSDA5005539    | 212.   |
| <b>AC model mini style connector, 3 pins &amp; 5</b> |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 500          | 5            | 1.5                           | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | No  | XSDA500519R♦   | 234.   |
| 2 wire                                               | N.O./N.C.   | 93-132V         | 500          | 5            | 1.5                           | 10                             | 4.5 V                        | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | Yes | XSDA5005539R♦  | 249.   |
| <b>50mm (2") sensing range, Shielded</b>             |             |                 |              |              |                               |                                |                              |                                   |              |                |                      |     |                |        |
| 2 wire                                               | N.O./N.C.   | 20-264V         | 500          | 5            | 1.7                           | 10                             | 6 V                          | 2A                                | 20 ms/30 ms  | 30 ms          | 101, 40, 82          | Yes | XSDM500538     | 279.   |

★ DC: Including Ripple.  
■ PLC applications:  
P= PLC compatible.  
R= Bleeder resistor needed.  
♦ Also available with alternate frequency. Add F to catalog number. No additional charge.



## Adjustable Sensing Range

| Circuit Type                                       | Output Mode | Voltage Range★ | Max. load current mA | Min. load current mA | Residual (leakage) Current mA | Operating Frequency Maximum Hz | Voltage drop (across switch) | Power supply current (no load) | On/Off delay | Power Up delay | Dimensions H x W x D | SCP | Catalog Number | Price  |
|----------------------------------------------------|-------------|----------------|----------------------|----------------------|-------------------------------|--------------------------------|------------------------------|--------------------------------|--------------|----------------|----------------------|-----|----------------|--------|
| 30-60mm (2.36") sensing range, Non-shielded        |             |                |                      |                      |                               |                                |                              |                                |              |                |                      |     |                |        |
| DC model, 2 and 3 wire screw terminals             |             |                |                      |                      |                               |                                |                              |                                |              |                |                      |     |                |        |
| 2 wire                                             | N.O.        | 10-58V         | 100                  | 1.5                  | .8                            | 20                             | 5 VDC                        | —                              | 5ms/40ms     | 75 ms          | 100, 40, 80          | Yes | XSDC607139     | \$177. |
| 2 wire                                             | N.O./N.C.   | 10-58V         | 50                   | 1.5                  | .8                            | 20                             | 5 VDC                        | —                              | 5ms/40ms     | 75 ms          | 100, 40, 80          | No  | XSDC607319     | 189.   |
| PNP                                                | N.O./N.C.   | 10-58V         | 200                  | —                    | —                             | 50                             | 1.8 VDC                      | 10 mA                          | 10ms         | 10 ms          | 100, 40, 80          | Yes | XSDH607339     | 165.   |
| NPN                                                | N.O./N.C.   | 10-58V         | 200                  | —                    | —                             | 50                             | 1.8 VDC                      | 10 mA                          | 10ms         | 10 ms          | 100, 40, 80          | Yes | XSDJ607339     | 165.   |
| AC model, screw terminals                          |             |                |                      |                      |                               |                                |                              |                                |              |                |                      |     |                |        |
| 2 wire                                             | N.O./N.C.   | 20-264V        | 500                  | 5                    | 1.7■                          | 10                             | 4.5 VAC                      | —                              | 30ms/20ms    | 30 ms          | 100, 40, 80          | No  | XSDA600519     | 209.   |
| 2 wire                                             | N.O./N.C.   | 93-132V        | 500                  | 5                    | 1.7■                          | 10                             | 4.5 VAC                      | —                              | 30ms/20ms    | 30 ms          | 100, 40, 80          | Yes | XSDA6005539    | 224.   |
| AC and DC models, screw terminals                  |             |                |                      |                      |                               |                                |                              |                                |              |                |                      |     |                |        |
| 2 wire                                             | N.O./N.C.   | 20-264 VAC     | 500                  | 5                    | 1.7■                          | 10                             | 4.5 VAC                      | —                              | 30ms/20ms    | 30 ms          | 100, 40, 80          | Yes | XSDM600539     | 242.   |
|                                                    |             | 20-264 VDC     | 100                  | 1.5                  | 1mA■                          | 10                             | 5 VDC                        | —                              | 5ms/40ms     | 75 ms          | 100, 40, 80          |     |                |        |
| AC and AC/DC models, mini style receptacle, 3 pins |             |                |                      |                      |                               |                                |                              |                                |              |                |                      |     |                |        |
| 2 wire                                             | N.O./N.C.   | 20-264V        | 500                  | 5                    | 1.7■                          | 10                             | 6V                           | —                              | 40ms/60ms    | 30 ms          | 100, 40, 80          | No  | XSDA600519R3   | 246.   |
| 2 wire                                             | N.O./N.C.   | 93-132V        | 500                  | 5                    | 1.7■                          | 10                             | 6V                           | —                              | 40ms/60ms    | 30 ms          | 100, 40, 80          | Yes | XSDA6005539R3  | 261.   |
| 2 wire                                             | N.O./N.C.   | 20-264 VAC     | 500                  | 5                    | 1.7■                          | 10                             | 4.5 VAC                      | —                              | 30ms/20ms    | 100 ms         | 100, 40, 80          | Yes | XSDM600539R3   | 280.   |
|                                                    |             | 20-264 VDC     | 100                  | 5                    | 1mA■                          | 10                             | 5 VDC                        | —                              | 5ms/40ms     | 100 ms         | 100, 40, 80          |     |                |        |

★ DC: Including Ripple.  
■ PLC compatible.

