



### Main

|                              |  |
|------------------------------|--|
| Range of Product             | Hyde Park  |
| Sensor Type                  | Ultrasonic sensor                                  |
| Series name                  | Superprox +  |
| Device short name            | SC380  |
| Sensor design                | Flat form  |
| Type of sensing window       | Configurable                                       |
| Material                     | Plastic  |
| Enclosure Material           | ULTEM  |
| Front material               | Glass epoxy  |
| Type of output signal        | Discrete   |
| Wiring Technique             | 4-wire   |
| [Us] rated supply voltage    | 12...24 V DC overload and short-circuit protection |
| Supply voltage limits        | 10...28 V DC                                       |
| Electrical connection        | Remote male connector M12 4 pins, 5.98 in (152 mm) |
| Product Specific Application | Discrete proximity                                 |

### Complementary

|                                 |  |
|---------------------------------|--|
| [Sn] nominal sensing distance   | 4.00 in (101.6 mm)                                     |
| Maximum differential travel     | 0.03 in (0.7 mm)                                       |
| Blind zone                      | 0.25 in (6.4 mm)                                       |
| Transmission frequency          | 500 kHz  |
| Repeat accuracy                 | 0.7 %  |
| Beam angle                      | 8 °  |
| Minimum size of detected object | Cylinder diameter 2.5 mm - up to 1 mm sensing distance |
| Current Consumption             | 25 mA  |
| Maximum switching current       | 100 mA reverse polarity protection                     |
| Height                          | 0.30 in (7.62 mm)                                      |
| Width                           | 0.75 in (19.05 mm)                                     |
| Depth                           | 0.30 in (7.62 mm)                                      |
| Length                          | 1.30 in (33.02 mm)                                     |
| Product Weight                  | 0.09 lb(US) (0.04 kg)                                  |

### Environment

|                                       |  |
|---------------------------------------|--|
| Product Certifications                | UL                                       |
| Marking                               | CE                                       |
| NEMA degree of protection             | NEMA 4X indoor use only)                 |
| IP degree of protection               | IP67                                     |
| Ambient Air Temperature for Operation | -22...158 °F (-30...70 °C)               |
| Ambient Air Temperature for Storage   | -40...212 °F (-40...100 °C)              |
| Relative humidity                     | 100 % without condensation               |
| Vibration resistance                  | +/-1 mm 10...55 Hz)IEC 60068-2-6         |
| Shock resistance                      | 30 gn in all 3 axes 11 ms IEC 60068-2-27 |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) level 3 IEC 61000-4-3  |
| Resistance to fast transients         | 1 kV level 3 IEC 61000-4-4               |


## Ordering and shipping details

|                   |                                  |
|-------------------|----------------------------------|
| Category          | 22490-SENSORS-ULTRASONIC (XX5,6) |
| Discount Schedule | DS2                              |
| GTIN              | 3389119086240                    |
| Returnability     | No                               |
| Country of origin | US                               |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type of Package 1       | PCE                  |
| Number of Units in Package 1 | 1                    |
| Package 1 Height             | 3.31 in (8.415 cm)   |
| Package 1 Width              | 1.50 in (3.81 cm)    |
| Package 1 Length             | 3.31 in (8.415 cm)   |
| Package 1 Weight             | 12.80 oz (362.874 g) |

## Offer Sustainability

|                           |   |
|---------------------------|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation          |  <a href="#">REACH Declaration</a>   |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|