

## Main

Range of product	Hyde Park
Sensor type	Ultrasonic sensor
Series name	Superprox +
Device short name	SC656
Sensor design	Cylindrical M18
[Sn] nominal sensing distance	254 mm
Type of sensing window	Configurable
Material	Stainless steel
Enclosure material	Stainless steel 303
Front material	Silicone rubber
Type of output signal	Analog
ISO thread	M18 x 1
Wiring technique	4-wire
[Us] rated supply voltage	15...24 V DC (overload and short-circuit protection)
Supply voltage limits	13...28 V DC
Analogue output range	0...10 V configurable
Electrical connection	1 male connector M12 4 pins
Product specific application	Analog output

## Complementary

Blind zone	19 mm
Transmission frequency	500 kHz
Beam angle	10 °
Minimum size of detected object	Cylinder diameter 1.59 mm - up to 76.2 mm sensing distance
Current consumption	50 mA
Maximum switching current	100 mA (reverse polarity protection)
Height	18 mm
Width	18 mm
Depth	18 mm
Length	73.91 mm
Product weight	0.034 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	0...60 °C
Ambient air temperature for storage	-40...100 °C
Relative humidity	100 % without condensation
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 10...55 Hz
Shock resistance	30 gn in all 3 axes for 11 ms conforming to IEC 60068-2-27
Resistance to electromagnetic fields	10 V/m (level 3) conforming to IEC 61000-4-3
Resistance to fast transients	1 kV (level 3) conforming to IEC 61000-4-4

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