

SM606A67400

Hyde Park, Ultrasonic sensor, analog, voltage (V), 18 mm barrel, 15 24 V DC

Main

Range of Product	Hyde Park
Sensor Type	Ultrasonic sensor
Series name	Superprox 600
Device short name	SM606
Sensor design	Cylindrical M18
Type of sensing window	Fixed
Material	Plastic
Enclosure Material	ULTEM
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 inverse
Electrical connection	Cable, 9.8 ft (3 m)
Product Specific Application	Analog output

Complementary

[Sn] nominal sensing distance	6.0000000000 in (152.4 mm)
[Sd] sensing range	1.4...6.0000000000 in (34.9...152.4 mm)
Blind zone	0.7 in (19 mm)
Transmission frequency	500 kHz
Beam angle	10 °
Minimum size of detected object	Cylinder diameter 1.59 mm - up to 63.5 mm sensing distance
Current consumption	50 mA
Maximum switching current	100 mA reverse polarity protection
Height	0.7 in (18 mm)
Width	0.7 in (18 mm)
Depth	0.7 in (18 mm)
Length	2.55 in (64.77 mm)
Net Weight	0.37 lb(US) (0.17 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	32...140 °F (0...60 °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	9.1 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	US10DS222490
Discount Schedule	0DS2
GTIN	3389119100816
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.63 in (14.288 cm)
Package 1 Width	2.50 in (6.35 cm)
Package 1 Length	5.63 in (14.288 cm)
Package 1 Weight	5.920 oz (167.829 g)

Offer Sustainability

SCIP Number	435317c3-e86a-47b7-acde-88c832f96adb
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 www.P65Warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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