

VM18PPI0000Q

ultrasonic sensor cylindrical M18 - dual-level
Sn508mm - NO - 12..24VDC - M12



Main

Range of product	Hyde Park
Sensor type	Ultrasonic sensor
Series name	Virtu VM18
Device short name	VM18
Sensor design	Cylindrical M18
Type of sensing window	Adjustable
Material	Plastic
Enclosure material	PBT
Front material	Glass epoxy
Type of output signal	Discrete
Discrete output function	1 NO
ISO thread	M18 x 1
Wiring technique	4-wire
[Us] rated supply voltage	12...24 V DC overload and short-circuit protection
Supply circuit type	10...28 V DC
Discrete output type	PNP
Electrical connection	1 male connector M12 4 pins
Product specific application	Dual-level - pump-in latch

Complementary

Setting	2.00...20.00 in (50.8...508 mm) remote teach push-button
Minimum size of detected object	Cylinder diameter 2.5 mm - up to 200 mm sensing distance
Status LED	Output not active 1 LED green)
Current consumption	40 mA
Protection type	100 mA reverse polarity protection
Standards	8 kV level 4 IEC 61000-4-2

Environment

Standards	EN 60947
Product certifications	UL
Marking	CE
NEMA degree of protection	NEMA 4X indoor use only)
IP degree of protection	IP67
Condition of tests	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
Test levels	1 kV level 3 IEC 61000-4-4

Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	03389119063135
Nbr. of units in pkg.	1
Package weight(Lbs)	0.8 lb(US) (0.36 kg)

Returnability	No
Country of origin	US

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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