## VM1PNC48Q

# Hyde Park, virtu sensor ultrasonic proximity

#### Main

Range of Product	Hyde Park
Sensor Type	Ultrasonic sensor
Series name	Virtu VM1
Device short name	VM1
Sensor design	Flat form + cylindrical M18
Type of sensing window	Adjustable
Material	Plastic
Enclosure Material	Valox
Front material	Glass epoxy
Type of output signal	Analog
ISO thread	M18 x 1
Wiring Technique	4-wire
[Us] rated supply voltage	1524 V DC overload and short-circuit protection
Supply voltage limits	1328 V DC
Analogue output range	420 mA autoslope
Electrical connection	Male connector M12 4 pins
Product Specific Application	-

#### Complementary

[Sn] nominal sensing distance	20.00 in (508 mm)	
[Sd] sensing range	2.0020.00 in (50.8508 mm)	
Blind zone	2.01 in (51 mm)	
Transmission frequency	300 kHz	
Repeat accuracy	1.27 %	
Beam angle	5°	
Minimum size of detected object	Cylinder diameter 2.5 mm - up to 200 mm sensing distance	
Current Consumption	40 mA	
Maximum switching current	40 mA reverse polarity protection	
Height	1.72 in (43.7 mm)	
Width	0.71 in (18 mm)	
Depth	1.72 in (43.7 mm)	
Length	2.58 in (65.61 mm)	
Net Weight	0.07 lb(US) (0.033 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	-22158 °F (-3070 °C)	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Relative humidity	100 % without condensation	
Vibration resistance	+/-1 mm 1055 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	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

Category	US10DS222490
Discount Schedule	0DS2
GTIN	03389119064309
Returnability	No

## Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	

### 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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

### Contractual warranty

	<u> </u>	
Warranty	18 months	