Product data sheet
Characteristics

9007MS06G0082
Limit switch, 9007, ms top push plunger, bushing mount, M12 AC bottom



Main

Range of Product	9007
Series name	Miniature potted
Product or Component Type	Limit switch
Device short name	9007MS/ML
Sensor design	Miniature
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Cast zinc
Number of poles	1

Complementary

Fixing Mode	By the head
Movement of operating head	Linear
Type of operator	Spring return plunger stainless steel bushing mounted
Type of approach	Vertical approach, 1 direction
Switch actuation	On end
Contacts type and composition	NC-NO
Switch Function	SPDT
Contact form	Form C
Contacts material	Gold flashed contacts
Contact operation	Snap action
Positive opening	Without
Electrical connection	Male connector M12 micro AC type 2 keyway 4 pins bottom
Terminals description ISO n°1	(1-2)NO (1-3)NC (4)gnd
Maximum force for tripping	80 ozf
[Ie] rated operational current	100 MA 125 V AC 30 mA 28 V DC
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V 3)UL 508 300 V 3)CSA C22.2 No 14
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	CSA UL CE
Sale per indivisible quantity	1
Height	1.75 in (44.45 mm)
Width	1.56 in (39.62 mm)
Depth	0.62 in (15.75 mm)
Net Weight	1.2 lb(US) (0.54 kg)

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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or 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.
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Environment

Shock resistance	35 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 75…1200 Hz)IEC 60529
NEMA degree of protection	NEMA 1 Nema type 250 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 6 Nema type 250 NEMA 6P Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Ambient Air Temperature for Operation	-40…220 °F (-40…104 °C)
Ambient Air Temperature for Storage	-40…220 °F (-40…104 °C)
Protective treatment	Epoxy powder coat
Product Certifications	CE[RETURN]UL[RETURN]CSA
Standards	E78403 LR 25490 Class 32 11 03

Ordering and shipping details

Category	22431-LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	785901159346
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.08 in (12.903 cm)
Package 1 Width	2.00 in (5.08 cm)
Package 1 Length	12.90 in (32.774 cm)
Package 1 Weight	19.20 oz (544.311 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 www.P65Warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months