

# Product data sheet

## Characteristics

9007MS02G0410

Limit switch, 9007MS, miniature, parallel roller plunger, 100mA at 125VAC, 1NO/1NC, 12 feet of cable, NEMA 4, 6P, 12, 13



### 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 body
Movement of operating head	Linear
Type of operator	Spring return parallel roller plunger steel -
Type of approach	Lateral approach, 2 directions
Switch actuation	By 30° cam
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	Pre-wired cable bottom
Type of cable	SJTO AWG 18), 12 ft (3.66 m), Gray
Terminals description ISO n°1	(Green-yellow)Gnd (Black)Com (White)NO (red)NC
Wire insulation material	PVC
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 CE UL
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)

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## Environment

Shock resistance	35 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 75...1200 Hz)IEC 60068-2-6
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 CSA UL
Standards	E78403 LR 25490 Class 32 11 03

## Ordering and shipping details

Category	22431-LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	785901152705
Nbr. of units in pkg.	1
Package weight(Lbs)	19.20 oz (544.311 g)
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.81 in (9.677 cm)
Package 1 width	1.50 in (3.81 cm)
Package 1 Length	9.68 in (24.581 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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