



### 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 plunger stainless steel booted
Type of approach	Vertical approach, 1 direction
Switch actuation	On end
Contacts type and composition	NC-NO
Switch function	SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Contact operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable bottom
Type of cable	SJTO cable (AWG 18), 1.83 m, yellow
Terminals description ISO n°1	(Green-yellow)Gnd (Black-orange)NO (red-white)NC
Wire insulation material	PVC
Maximum force for tripping	80 ozf
[Ie] rated operational current	6 A at 120 V AC, A300 conforming to NEMA rating designation 3 A at 240 V AC, A300 conforming to NEMA rating designation 5 A at 28 V DC
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V (pollution degree 3) conforming to UL 508 300 V (pollution degree 3) conforming to CSA C22.2 No 14
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	UL CE CSA
Sale per indivisible quantity	1
Height	44.45 mm
Width	39.62 mm
Depth	15.75 mm
Net weight	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. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Shock resistance	35 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f= 75...1200 Hz) conforming to IEC 60529
NEMA degree of protection	NEMA 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 6P conforming to Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-40...104 °C
Ambient air temperature for storage	-40...104 °C
Protective treatment	Epoxy powder coat
Product certifications	CSA[RETURN]CE[RETURN]UL
Standards	E78403 LR 25490 Class 32 11 03

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.677 cm
Package 1 Width	3.81 cm
Package 1 Length	24.581 cm
Package 1 Weight	544.311 g

## Offer Sustainability

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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