

XCMD2124M12

limit switch XCMD - steel roller lever plunger
retractable - 1C/O - snap - M12

Product availability : Stock - Normally stocked in distribution facility



Price* : 123.45 USD



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCMD
Sensor design	Miniature
Body type	Plug-in body
Head type	Plunger head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller lever plunger metal retractable
Type of approach	Lateral approach, 1 direction
Number of poles	1
Contacts type and composition	1 C/O
Contact operation	Snap action

Complementary

Switch actuation	By 30° cam
Electrical connection	Male connector M12, 4 pins
Contacts insulation form	Za
Positive opening	Without
Minimum force for tripping	2.5 N
Maximum actuation speed	1.64 ft/s (0.5 m/s)

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Ie] rated operational current	1.5 A 240 V, AC-15 EN/IEC 60947-5-1 appendix A 0.1 A 250 V, DC-13 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	3 A
[Ui] rated insulation voltage	250 V 3) IEC 60947-5-1
Maximum resistance across terminals	25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	2.5 kV IEC 60664 2.5 kV IEC 60947-1
Short-circuit protection	4 A cartridge fuse gG
Electrical durability	5000000 cycles, DC-13, 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 48 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 120 V, 1 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	1.18 in (30 mm)
Height	1.97 in (50 mm)
Maximum Depth	0.63 in (16 mm)
Net weight	0.23 lb(US) (0.105 kg)

Environment

Shock resistance	25 gn 18 ms IEC 60068-2-27
Vibration resistance	5 gn 10...500 Hz) IEC 60068-2-6
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP68 IEC 60529
IK degree of protection	IK06 EN 62262
Electrical shock protection class	Class I IEC 61140 Class I NF C 20-030
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Product certifications	CSA UL CCC
Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 CSA C22.2 No 14 UL 508

Ordering and shipping details

Category	22413 - LIMIT SWITCH, IEC, MINIATURE
Discount Schedule	T
GTIN	00785901973799
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	ID

Packing Units

Package 1 Height	0.160 dm
Package 1 width	0.530 dm
Package 1 Length	0.850 dm

Offer Sustainability

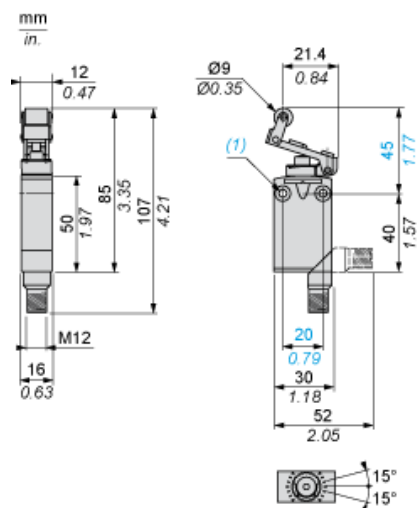
Sustainable offer status	Green Premium product
--------------------------	-----------------------

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
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
----------	-----------

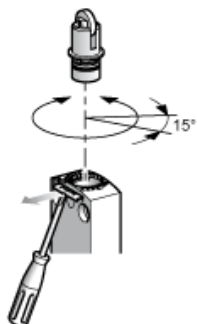
Dimensions



- (1) 2 fixing holes $\varnothing$ 4.2 mm, counterbored $\varnothing$ 8 mm by 4 mm deep.

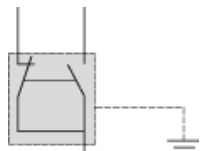
Setting-up

Plunger or Multi-directional Heads



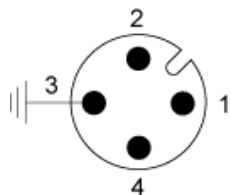
Wiring Diagram

Single-pole CO Snap Action + Integral M12 4-pin Connector



Wiring Diagram

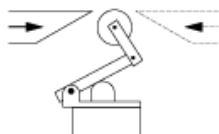
4-pin, M12, 3A-250V



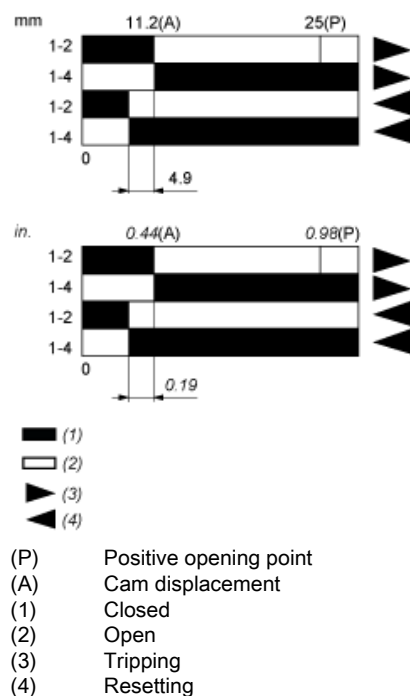
- 1 : Common
- 2 : NC
- 3 : Grounding
- 4 : NO

Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



XCMD2124M12 is replaced by the following group of products:



Miniature range ZCE24

limit switch head ZCE - retractable roller lever

Qty 1



Miniature range ZCMD21M12

limit switch body ZCMD - 1C/O - silver - snap action - connection - M12

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017