

# XEP4E1FD

Microswitch, Limit switches XC Standard,  
miniature limit switch, flat plunger, cable length  
0.5 m



## Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEP4
Detector design	Subminiature, DIN 41635 B format, sealed
Head type	Plunger head
Movement of operating head	Linear
Type of operator	Plunger
Switch actuation	On end
Type of approach	Vertical approach
Electrical connection	Pre-cabled
Cable length	0.5 m
Cable composition	3 x 0.5 mm <sup>2</sup>
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

## Complementary

Body material	Polyester
Maximum force for tripping	2.5 N lever fixing position in A 2.5 N lever fixing position in B
Minimum release force	0.8 N lever fixing position in A 0.8 N lever fixing position in B
Maximum permissible end of travel force	10 N lever fixing position in A 10 N lever fixing position in B
Tripping point	8.4 Mm lever fixing position in A 8.4 mm lever fixing position in B
Maximum differential travel	0.13 Mm lever fixing position in A 0.13 mm lever fixing position in B
Minimum over travel	0.6 Mm lever fixing position in A 0.6 mm lever fixing position in B
Inter contact distance	0.4 mm
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	7.5 A at 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	7 mm
Height	14 mm
Depth	20 mm
Net weight	14.1 g
Terminals description ISO n°1	(1-2-4)OC

## Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...105 °C
Marking	CE
Standards	EN 61058 CURus IEC 60947-5-1 UL 1054 EN 60947-5-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.000 cm
Package 1 Width	8.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	16.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.000 cm
Package 2 Width	8.000 cm
Package 2 Length	10.000 cm
Package 2 Weight	81.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Height	15 cm
Package 3 Width	15 cm
Package 3 Length	40 cm
Package 3 Weight	1.845 kg

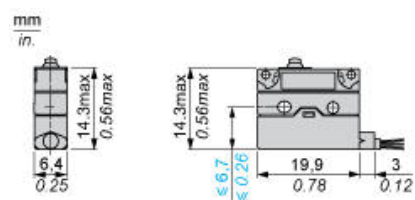
## Offer Sustainability

Sustainable offer status	Green Premium product
Toxic heavy metal free	Yes
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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## Dimensions

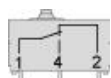


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## Wiring Diagram

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### Single-pole CO Snap Action



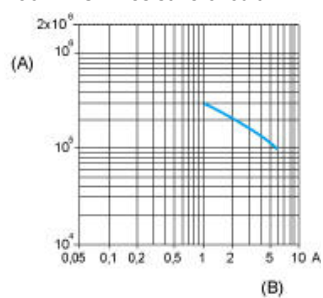
- 1 : Black
- 2 : Grey
- 4 : Blue

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## Operating Curves

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250 V AC : Resistive circuit



- (A) Number of cycles  
(B) Current