



### Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEPA
Detector design	Subminiature, DIN 41635 B format, sealed
Head type	Plunger head
Lever material	Stainless steel Glass reinforced polyamide roller
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Roller lever
Type of approach	Lateral approach
Electrical connection	2.8 mm cable clip tags
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

### Complementary

Body material	Polyester
Tags material	Tinned brass
Maximum force for tripping	0.83 N lever fixing position in A 1.67 N lever fixing position in B
Minimum release force	0.27 N lever fixing position in A 0.53 N lever fixing position in B
Maximum permissible end of travel force	3.33 N lever fixing position in A 6.67 N lever fixing position in B
Tripping point	14.5 Mm lever fixing position in B 15.5 mm lever fixing position in A
Maximum differential travel	0.2 Mm lever fixing position in B 0.39 mm lever fixing position in A
Minimum over travel	0.9 Mm lever fixing position in B 1.8 mm lever fixing position in A
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	10 mm
Depth	20 mm
Net weight	3.2 g
Terminals description ISO n°1	(1-2-4)OC

## Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...125 °C
Marking	CE
Standards	IEC 60947-5-1 UL 1054 EN 61058 CURus EN 60947-5-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1 cm
Package 1 Width	3 cm
Package 1 Length	7.3 cm
Package 1 Weight	11 g

## 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 <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>