Product data sheet Characteristics

XEP4E1FDA326

Microswitch, Limit switches XC Standard, miniature limit switch, flat lever, 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
Lever material	Stainless steel
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Flat lever
Type of approach	Lateral approach
Electrical connection	Pre-cabled
Cable length	1.64 ft (0.5 m)
Cable composition	3 x 0.5 mm²
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

Complementary

Complementary	
Body Material	Polyester
Maximum force for tripping	0.63 N lever fixing position in A 1.25 N lever fixing position in B
Minimum release force	0.2 N lever fixing position in A 0.4 N lever fixing position in B
Maximum permissible end of travel force	5 N lever fixing position in B 2.5 N lever fixing position in A
Tripping point	0.42 In (10.7 mm) lever fixing position in A 0.38 in (9.6 mm) lever fixing position in B
Maximum differential travel	0.01 In (0.26 mm) lever fixing position in B 0.02 in (0.52 mm) lever fixing position in A
Minimum over travel	0.05 In (1.2 mm) lever fixing position in B 0.09 in (2.4 mm) lever fixing position in A
Inter contact distance	0.02 in (0.4 mm)
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	7.5 A 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.59 in (15 mm)
Depth	0.79 in (20 mm)
Net Weight	0.52 oz (14.8 g)
Terminals description ISO n°1	(1-2-4)OC



Environment

IP Degree of Protection	IP67
Ambient Air Temperature for Operation	-40221 °F (-40105 °C)
Marking	CE
Standards	UL 1054 EN 60947-5-1
	EN 61058
	IEC 60947-5-1
	CURus

Ordering and shipping details

0	
Category	22449-LIMIT SWITCHES, ACCESSORIES
Discount Schedule	Т
GTIN	3389110300277
Nbr. of units in pkg.	1
Package weight(Lbs)	0.56 oz (16.0 g)
Returnability	No
Country of origin	МА

Packing Units

0	
Unit Type of Package 1	PCE
Package 1 Height	0.59 in (1.5 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	100
Package 2 Weight	4.14 lb(US) (1.877 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	BAG
Number of Units in Package 3	5
Package 3 Weight	3.00 oz (85.0 g)
Package 3 Height	1.18 in (3 cm)
Package 3 width	2.76 in (7 cm)
Package 3 Length	4.72 in (12 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) delta Bohs Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	™ Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

18 months

Product data sheet Dimensions Drawings

XEP4E1FDA326

Dimensions



XEP4E1FDA326

Wiring Diagram

Single-pole CO Snap Action



Black Grey

1: 2: 4: Blue Product data sheet

XEP4E1FDA326

Technical Description

Operating Curves



(A) Number of cycles(B) Current