METZ CONNECT
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Data sheet

OpDAT Industry IP67 V14 plug housing + 2LC SM plug insert

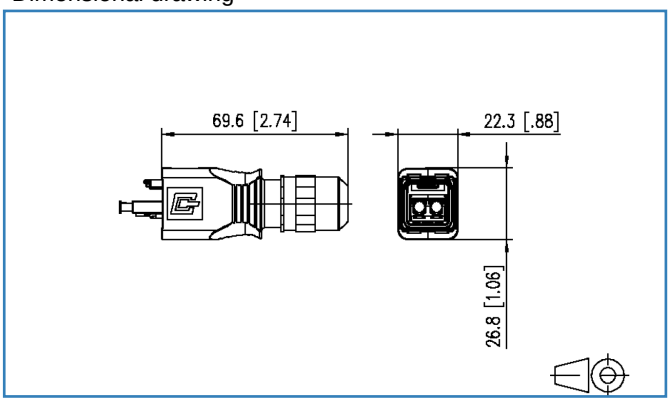
P/N 1402985020ME
EAN 4250184124498

2015-19-06

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- plug housing with push-pull-lock acc. to ISO/IEC 24702 and IEC 61076-3-106 var. 14
- compliance with EN 50173-1:2011-09 and ISO/IEC 24702 with regard to limit values for insertion and return loss
- convex pre-polished pin made of zirconium oxide ceramics
- flame-retardant and halogen-free plastic pin body
- nickel-plated zinc die-cast plug receptacle
- strain relief element of breakout and mini breakout cables can be crimped to plug
- safe handling of assembled plugs during mounting
- IP67 protected housing to hold Industry plug inserts
- increased diameter range of 10 mm for connection of cable jackets
- resistant to welding sputter
- industry-compatible metal housing with improved durability
- flammability class as per UL 94V-0
- improved resistance to chemical substances
- snap-on clip for color coding after assembly
- cable can be pushed through preassembled plug housing

variants:

2LC	SM, MM
SC-RJ/2SC	SM, MM, POF

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Technical Data

General Data	
Fields of application	
	Harsh environment
Design	Plugs
Transmission technology	Fiber optic
Color protective housing	metallike
Dimensions	
Dimension (L x W x H)	76.25 x 26.80 x 22.30 mm
Dimension (L x W x H)	3.00 x 1.06 x 0.88 in.
Mode type of the fiber	Single mode
Convex preformed abutting face	yes
Labeling option	on housing
Marking option	by latching clip

Connections/interfaces	
Connector technology interface 1	Fast Cure
Connector technology interface 2	LC
Protective housing interface 1	V14
Protective housing interface 2	V14
Cable access/outlet	180°

Mechanical characteristics	
Cut-out	SC, LC-D, E2000
Locking method (protective housing)	Push Pull
Life - Number of mating cycles	min. 1000
Strain relief	Crimp sleeve

Materials and material properties	
Material - Housing	GD-Zn (zinc die-cast)
Material - Housing finish	Ni (nickel)
Material - Protective housing	metal
Material - Insulating body	plastics, flame-retardant and halogen free
Material - Sleeve	ceramic, slotted
Material - Ferrule	Ceramic

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Environmental conditions	
Particulate ingress	IP6X with protective housing
Liquid ingress/immersion	IPX7 with protective housing
Resistance to welding beads	yes
Increased robustness	yes
Increased chemical resistance	yes
Certifications	
Gost Certification	yes
Approvals	
RoHS	compliant
The product meets the following standards	
Generic cabling systems	
General requirements	DIN EN 50173-1:2011-09
Industrial area	ISO/IEC 24702 AMD 1 | DIN EN 50173-3: 2011-09 TIA/EIA 1005
Degrees of Protection Provided by Enclosures	IEC 60529:2014-09
Connectors for electronic equipment	
Rectangular connectors	DIN EN 61076-3-117
Classifications	
ETIM 5.0	EC001121
Packing details	
Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	886.00 g
Packaging unit - Weight (pound)	1.95 lb
Packaging dimension (D x W x H)	58.00 x 247.00 x 161.00 mm
Packaging dimension (D x W x H)	2.28 x 9.72 x 6.34 in.

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Accessories

P/N	Designation
1401088002KI	E-DAT Industry IP67 V14 plug protection cap
1401009001-I	Industry color coding ring V1/V4/V14 orange
1401009003-I	Industry color coding ring V1/V4/V14 light grey
1401009004-I	Industry color coding ring V1/V4/V14 white
1401009005-I	Industry color coding ring V1/V4/V14 yellow
1401009006-I	Industry color coding ring V1/V4/V14 blue
1401009007-I	Industry color coding ring V1/V4/V14 green

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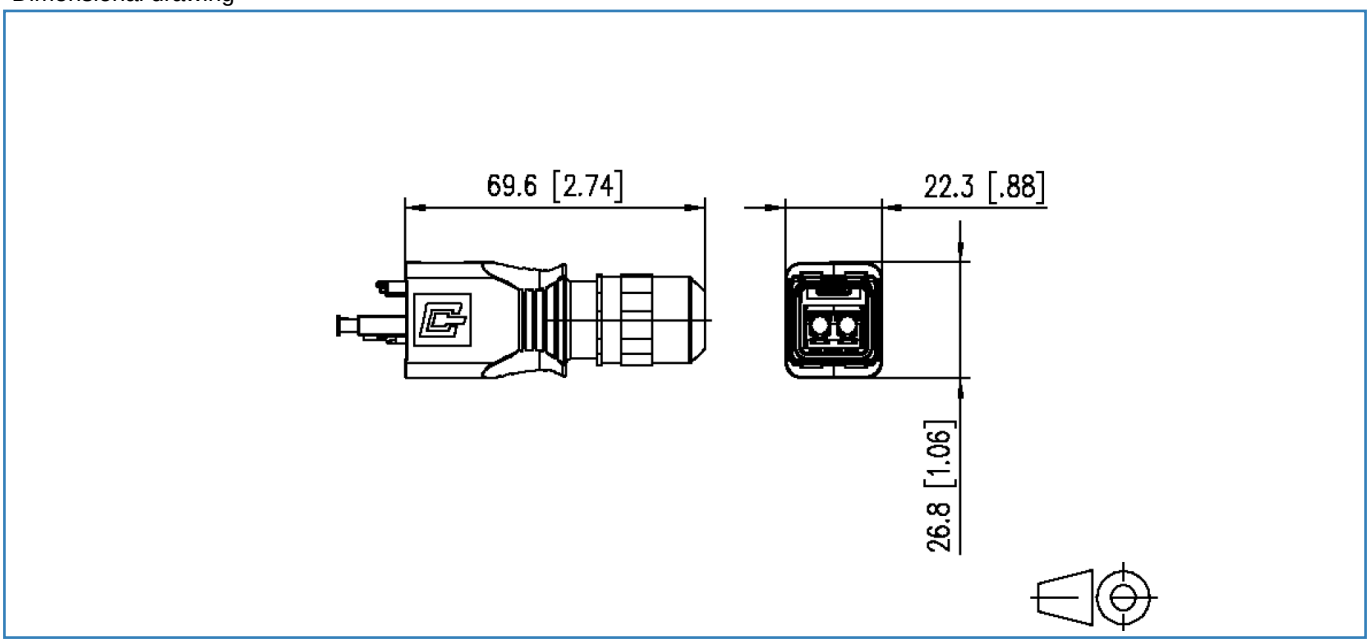
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