P | Cabling

Data sheet
OpDAT Industry IP67 V14 plug housing
+ 2LC MM plug insert

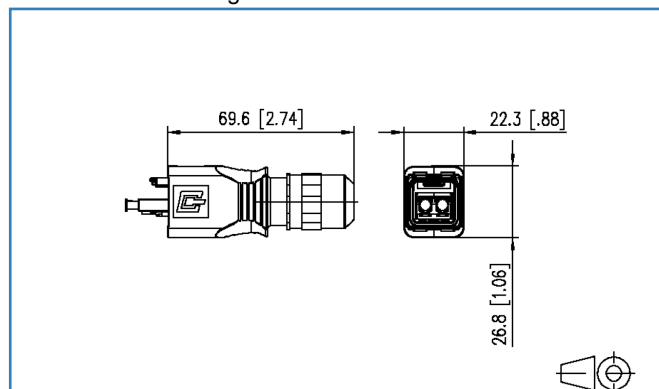## Illustrations

Dimensional drawing

69.6 [2.74]　　22.3 [.88]

26.8 [1.06]

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	Multimode
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

Temperature (min. - max.)	
Temperature - Operating °C	-40 - 70 °C
Temperature - Operating °F	-40 - 158 °F
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)	866.00 g
Packaging unit - Weight (pound)	1.91 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

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Illustrations

Dimensional drawing