

P | Cabling

Data sheet

Industry IP67 V1 plug housing

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P/N

1401015002KE

EAN 4250184114062

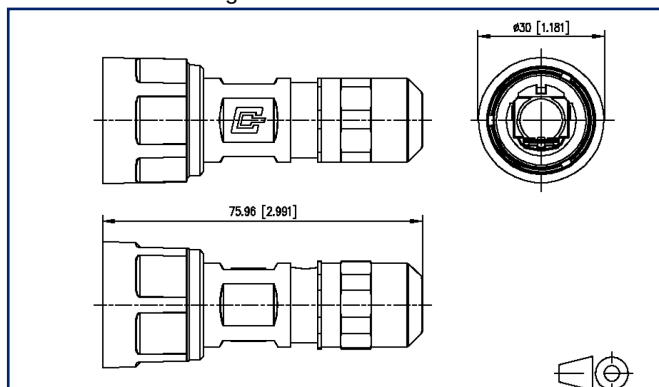
2024/09/19

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Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- plug housing with bayonet lock acc. to ISO/IEC 24702 and IEC 61076-3-106 var. 1
- 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 plastic housing with improved durability
- flammability class as per UL 94V-0
- improved resistance to chemical substances
- labeling on plug housing
- snap-on clip for color coding after assembly
- cable can be pushed through preassembled plug housing
- matching plug inserts: E-DAT Industry RJ45 field plug insert, E-DAT Industry RJ45 plug insert, OpDAT Industry 2LC plug insert, OpDAT Industry 2SC plug insert
- variants: plug housing, bend-protected plug housing



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Technical Data

General Data

Fields of application	harsh environment
Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E3
Design	plug housing
Color	black
Dimensions	
Dimension (L x W x H)	75.96 mm x 30 mm x 30 mm
Dimension (L x W x H)	2.991 in. x 1.181 in. x 1.181 in.
Labeling option	on housing
Marking option	by latching clip

Connections/interfaces

Number of ports interface 2	1
Number of ports interface 2 equipped	0
Protective housing interface 1	V1
Protective housing interface 2	V1
Cable sheath diameter (min. - max.)	
Cable sheath diameter	5 mm - 10.00
Cable sheath diameter	0.197 in. - 0.394
Module plug-in direction	straight
Cable access/outlet	180°

Mechanical data

Locking method (protective housing)	Bayonet
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Materials and material properties

Material - Protective housing	PA UL94 V0
Material - Protective housing seal	NBR (nitrile butadiene rubber)
Material - Flat seal	NBR (nitrile butadiene rubber)
Material - Cap nut	PA (polyamide)
Material - Spring washer	Spring steel
Flame retardancy	as per UL 94 V0



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Materials and material properties

RoHS compliant

Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -40 °C - 70 °C

Temperature - Storage °F -40 °F - 158 °F

Temperature - Operating °C -40 °C - 70 °C

Temperature - Operating °F -40 °F - 158 °F

Particulate ingress IP6X

Liquid ingress/immersion IPX6 and IPX7

Rapid change of temperature -40°C / -40°F - +70°C / +158°F / 25 cycles t=30min

Damp heat +25°C / +77°F / +65°C / 149°F / 93% RH // -10°C / 14°F / 21 cycles

Salt spray fog test (NSS Test) +35°C / +95 / 4 days 5% NaCL

Resistance to welding beads yes

Increased robustness yes

Increased chemical resistance yes

General information This product is suitable for use in industrial environments inside buildings with IPxy protection class according to DIN EN 60529 specified in this data sheet. Not specified for outdoor applications.

Approvals

UL listed (file no.)



DUXR.E178484

Standards/Regulations

Generic cabling systems

Industrial area ISO/IEC 24702

UL standard for Communications-Circuit Accessories UL 1863

Degrees of Protection Provided by Enclosures IEC 60529

Connectors for electronic equipment

Rectangular connectors DIN EN 61076-3-106



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Classifications

ETIM 7.0	EC000437
ETIM 8.0	EC000437
ETIM 9.0	EC000437

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	236 g
Packaging unit - Weight (pound)	0.52 lb
Packaging dimension	258 mm x 164 mm x 51 mm
Packaging dimension	10.157 in. x 6.457 in. x 2.008 in.

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
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""
1401018002KI	Industry IP67 V1 plug protective cap
1401400810-DNV	E-DAT Industry RJ45 field plug insert Cat.6 Class E _A DNV
1401400810-I	E-DAT Industry RJ45 field plug insert Cat.6 Class E _A
1401500810-I	E-DAT Industry RJ45 plug insert Cat.6 Class E _A
1402500820-I	OpDAT Industry 2SC MM plug insert
1402500822-I	OpDAT Industry 2SC MM plug insert
1402600820-I	OpDAT Industry 2SC SM plug insert
1402600822-I	OpDAT Industry 2SC SM plug insert
1402700820-I	OpDAT Industry 2SC POF plug insert
1402700822-I	OpDAT Industry 2SC POF plug insert
1402800820-I	OpDAT Industry 2LC MM plug insert
1402900820-I	OpDAT Industry 2LC SM plug insert

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