METZ CONNECT

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P | Cabling

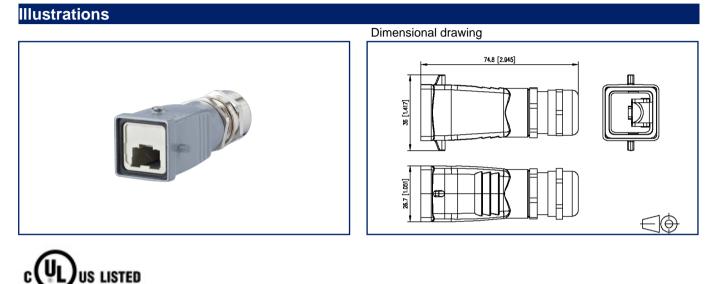# Data sheet

Industry IP67 V5 metal plug housing

P/N
1401065000ME
EAN 4250184116585
2023/06/19
Version: N

Illustrations

Dimensional drawing

74.8 [2.945]
36 [1.417]
26.7 [1.051]

c**UL**US LISTED

See enlarged drawings at the end of document

Product specification

- plug housing with clamp lock acc. to ISO/IEC 24702 and IEC 61076-3-106 var. 5
- 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
- matching plug inserts: E-DAT Industry RJ45 field plug insert, E-DAT Industry RJ45 plug insert

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Data sheet
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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	gray
Dimensions	
Dimension (L x W x H)	74.8 mm x 36 mm x 26.7 mm
Dimension (L x W x H)	2.945 in. x 1.417 in. x 1.051 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	V5
Protective housing interface 2	V5
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°

Materials and material properties

Material - Protective housing	die-cast aluminium
Material - Protective housing finish	powder-coated
Material - Protective housing seal	NBR (nitrile butadiene rubber)
Material - Flat seal	NBR (nitrile butadiene rubber)
Material - Cap nut	CuZnPb (brass)
Material - Cap nut finish	Ni (nickel)
Material - Protective housing screw(s)	stainless steel
Material - Washer	PA (polyamide)

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Technical Data

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	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.)	c UL US LISTED	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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Technical Data

Classifications

ETIM 5.0	EC001121
ETIM 6.0	EC001121
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)	666 g
Packaging unit - Weight (pound)	1.47 lb
Packaging dimension	258 mm x 164 mm x 51 mm
Packaging dimension	10.157 in. x 6.457 in. x 2.008 in.

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Accessories

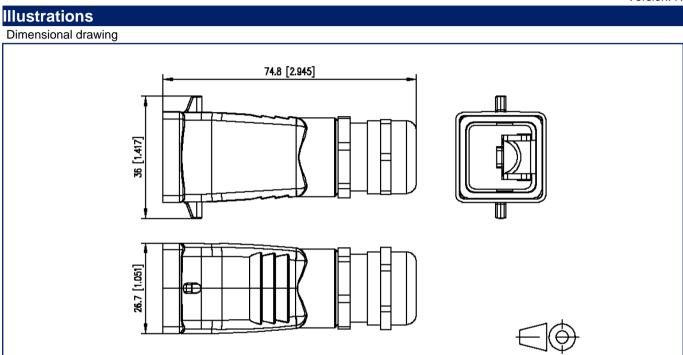| P/N	Designation
1401068000MI	Industry IP67 V5 metal plug protective cap
1401400810-I	E-DAT Industry RJ45 field plug insert Cat.6 Class E_A
1401500810-I	E-DAT Industry RJ45 plug insert Cat.6 Class E_A

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