

JPOVP RJ45 CAT6 IP20**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

One- and three-level surge protection, in IP68 housing for Ethernet Cat. 5/6, analogue and digital signals. It is also used to suppress interference. High protection class IP68

General ordering data

Version	Surge protection for instrumentation and control, RJ45 plug-in connector, Surge protection for measurement and control
Order No.	8805550000
Type	JPOVP RJ45 CAT6 IP20
GTIN (EAN)	4032248502882
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2025-11-30T00:00:00+01:00

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Technical data

Approvals

Approvals

ROHS Conform

Dimensions and weights

Height	14.4 mm	Height (inches)	0.5669 inch
Width	36 mm	Width (inches)	1.4173 inch
Length	83 mm	Length (inches)	3.2677 inch
Net weight	249 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...60 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	f6f3bfd2-c340-4be3-920c-070c382baca5

General data

Optical function display	No	Version	Surge protection for measurement and control
Design	miscellaneous	UL 94 flammability rating	V-0
Colour	Pebble grey	Protection degree	IP20

Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2
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Rated data IEC / EN

Rated voltage (AC)	34 V	Rated voltage (DC), max.	48 V
Rated voltage (DC)	48 V	Rated current I _N	0.2 A
Protection level on output side Wire-wire 80 V 1 kV/μs, typically		Protection level on output side Wire-PE 1 kV/μs, typically	130 V
Protection level on output side Wire-wire 300 V 8/20 μs, typically		Protection level on output side Wire-PE 8/20 μs, typically	600 V
Protection level, UP wire - wire	130 V	Protection level, UP wire - PE	600 V
Voltage type	AC	Response time / fallback time	≤ 5 ns
Operating voltage	48 V	Discharge current I _n (8/20μs) wire-wire	5 kA
Discharge current I _{max} (8/20μs) wire-wire	10 kA		

General data

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Insulation coordination

Surge voltage category	III	Pollution severity	2
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Insulation coordination

Pollution severity	2	Surge voltage category	III
Protection degree	IP20		

Connection data

Type of connection	RJ45 plug-in connector
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Technical specifications for cable

Cable length	3 m
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Classifications

ETIM 6.0	EC000943	ETIM 7.0	EC000943
ETIM 8.0	EC000943	ETIM 9.0	EC000943
ETIM 10.0	EC000943	ECLASS 9.0	27-13-08-07
ECLASS 9.1	27-13-08-07	ECLASS 10.0	27-13-08-07
ECLASS 11.0	27-13-08-07	ECLASS 12.0	27-17-90-90
ECLASS 13.0	27-17-90-90	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Drawings

Electric symbol

Circuit diagram

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Accessories

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12GM12G-5-0.3U	Version
Order No.	9457340030	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311230	5, 0.3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 ST	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-0.6U	Version
Order No.	9457340060	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311247	5, 0.6 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 ST	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-1.5U	Version
Order No.	9457340150	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311278	5, 1.5 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 ST	material: PUR, Halogen: No

Screwty® cable gland tool with torque function

The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY-M12-DM	Version
Order No.	1900001000	Cable gland tool for moulded M12 lines
GTIN (EAN)	4032248436408	
Qty.	1 ST	

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Accessories**Distributors****General ordering data**

Type	SAI-Y-5S PARA 2M12	Version
Order No.	1783430000	Y-plug, M12 / M12
GTIN (EAN)	4032248183364	
Qty.	1 ST	

JACKPAC® Zubehör

Weidmüller is now one of the industry's leading international providers of connectors. An important mainstay in this product family are the circular connectors, which Weidmüller groups under the product name SAI. In the development of SAI products, Weidmüller engineers have always concentrated on achieving rational, cost-effective installation concepts, and – in cooperation with major users – have supplied the markets with well-conceived products which set standards in terms of functionality and quality across the globe. An example is the Jackpac® product family. These modules are waterproof signal converters.

General ordering data

Type	JP CLIP M	Version
Order No.	8778490000	JACKPAC, Relay module
GTIN (EAN)	4032248448418	
Qty.	10 ST	