

**JPTA100MS 24VDC PNP M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

Timing relays are used in automation engineering in order to compensate for malfunctions caused by high clock rates.

Short pulses are extended and hence are reliably identified by downstream control components.

Various timing functions such as make and break delays, clock generator and star/delta switchover are available to users.

**General ordering data**

Version	JACKPAC, Pulse stretcher, Number of contacts: 1, NO contact, Rated control voltage: 18...24...30 V DC, Continuous current: 0.4 A, M12 plug/socket, A-coded
Order No.	<a href="#">8836630000</a>
Type	JPTA100MS 24VDC PNP M12
GTIN (EAN)	4032248544264
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	83 mm	Depth (inches)	3.268 inch
Height	14.4 mm	Height (inches)	0.567 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	50 g		

**Temperatures**

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...60 °C
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**Input**

Rated control voltage	18...24...30 V DC	Rated control voltage	24 V DC ± 25 %
Rated current DC	3,5...7,0...10,0 mA	Min. pulse duration	1 ms

**Control side**

Rated control voltage	18...24...30 V DC
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**Output**

Continuous current	Current	0.4 A
Max. switching voltage, DC	30 V	
Continuous current	0.4 A	
Switch-off delay	100 ms	
Switch-off delay	Signs	≤
	Time	100 ms
	Time	nominal 100 ms
Switch-off delay	≤ 100 ms	
Max. switching current	400 mA	

**Load side**

Continuous current	0.4 A	Max. switching current	400 mA
Switch-off delay	100 ms		

**General data**

Test button available	No	Mechanical switch position indicator	No
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**Insulation coordination**

Rated voltage	32 V	Pollution severity	2
Surge voltage category	I	Impulse withstand voltage	330 V

**Further details of approvals / standards**

Certificate no. (cULus)	E141197
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**output**

Switching voltage, max.	30 V DC
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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Ratings IECEx/ATEX/cUL**

Certificate no. (cULus) E141197

**Classifications**

ETIM 6.0	EC001439	ETIM 7.0	EC001439
ETIM 8.0	EC001439	ETIM 9.0	EC001439
ECLASS 9.0	27-37-16-05	ECLASS 9.1	27-37-16-05
ECLASS 10.0	27-37-16-05	ECLASS 11.0	27-37-16-05
ECLASS 12.0	27-37-16-05	ECLASS 13.0	27-37-16-05

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	e07945fd-9150-48b3-990d-28d78ed7c6c9

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

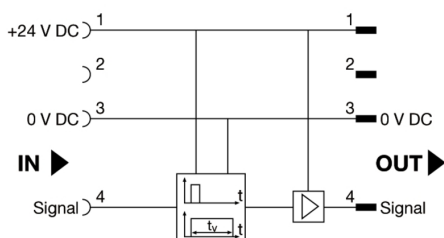
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## Drawings

### Wiring diagram



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## Accessories

### 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	Packaging
Order No.	<a href="#">1900001000</a>	Cable gland tool for moulded M12 lines	Cardboard
GTIN (EAN)	4032248436408		box
Qty.	1 pc(s).		

### Distributors



#### General ordering data

Type	SAI-Y-5S PARA 2M12	Version
Order No.	<a href="#">1783430000</a>	Y-plug, M12 / M12
GTIN (EAN)	4032248183364	
Qty.	1 pc(s).	

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## Accessories

## 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.	<a href="#">8778490000</a>	JACKPAC, Relay module
GTIN (EAN)	4032248448418	
Qty.	10 pc(s).	

## 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.	<a href="#">9457340030</a>	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 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-1.5U	Version
Order No.	<a href="#">9457340150</a>	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 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-0.6U	Version
Order No.	<a href="#">9457340060</a>	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 pc(s).	material: PUR, Halogen: No