

JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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, AgSnO, Rated control voltage: 18...24...30 V DC, Continuous current: 0.4 A, M12 plug/socket, A-coded
Order No.	8836630000
Type	JPTA100MS 24VDC PNP M12
GTIN (EAN)	4032248544264
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2025-11-30T00:00:00+01:00

JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Depth	85.5 mm	Depth (inches)	3.3661 inch
Height	14.4 mm	Height (inches)	0.5669 inch
Width	36 mm	Width (inches)	1.4173 inch
Net weight	50 g		

Temperatures

Storage temperature	-20 °C...85 °C	Ambient temperature	0 °C...60 °C
Operating temperature			

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	e07945fd-9150-48b3-990d-28d78ed7c6c9

Input

Rated control voltage	18...24...30 V DC	Rated control voltage	18 V...24 V...30 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
-----------------------	-------------------

Output

Continuous current	Current	0.4 A
Rated switching voltage	18...30 V DC	
Max. switching voltage, DC	30 V	
Continuous current	0.4 A	
Switch-off delay	100 ms	
Switch-off delay	Time	nominal 100 ms
		100 ms
	Signs	≤
Switch-off delay	≤ 100 ms	
Max. switching current	400 mA	

Load side

Rated switching voltage	18...30 V DC	Continuous current	0.4 A
Max. switching current	400 mA	Switch-off delay	100 ms

JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

General data

Suitable for front mounting	No	Mounting rail	Mounting plate
Test button available	No	Mechanical switch position indicator	No

Insulation coordination

Rated voltage	32 V	Surge voltage category	I
Pollution severity	2	Protection degree	IP67
Impulse withstand voltage	330 V		

Insulation coordination

Rated voltage	32 V	Pollution severity	2
Surge voltage category	I	Impulse withstand voltage	330 V
Protection degree	IP67		

Further details of approvals / standards

Certificate no. (cULus)	E141197
-------------------------	---------

Further details of approvals / standards

Certificate no. (cULus)	E141197
-------------------------	---------

output

Switching voltage, max.	30 V DC
-------------------------	---------

Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E141197
-------------------------	---------

Classifications

ETIM 8.0	EC001439	ETIM 9.0	EC001439
ETIM 10.0	EC001439	ECLASS 14.0	27-37-16-05
ECLASS 15.0	27-37-16-05		

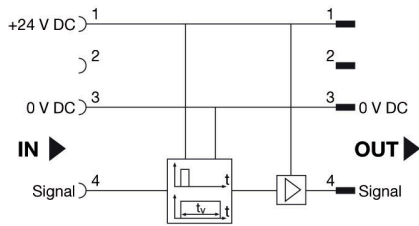
JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com

Wiring diagram



JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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	

JPTA100MS 24VDC PNP M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

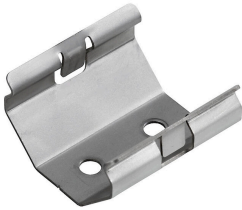
Distributors



General ordering data

Type	SAI-Y-5S PARA 2M12	Version	
Order No.	1783430000	Y-plug, M12, Signal distributor	
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		