

UR67-PB-78-16DIO-12-60K**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

u-remote IP67 PROFIBUS-DP modules

M12 or 7/8" feed-in; 30 & 60 mm wide housings

With over 43 million devices worldwide, PROFIBUS is the most widespread fieldbus. In the manufacturing industry, PROFIBUS-DP is used in the field for communication between control and sensor or actuator.

PROFIBUS enables simple and cost-saving topologies, bidirectional communication, extensive information and diagnosis options and standardised integration of devices and device functions via device master data files (DMD).

General ordering data

Version	Automation Products - u-remote IP67, Profibus-DP
Order No.	2426340000
Type	UR67-PB-78-16DIO-12-60K
GTIN (EAN)	4050118434385
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	39.5 mm	Height (inches)	1.555 inch
Width	60 mm	Width (inches)	2.362 inch
Length	243 mm	Length (inches)	9.567 inch
Net weight	380 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Configuration

System integration	GSD file
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Connections

Fieldbus (BUS-IN)	1x M12 plug 5-pole, B-coded	Fieldbus (BUS-OUT)	1x M12 female 5-pole, B-coded
I/O connections	8 x M12 socket 5-pole, A-coded	Supply voltage (AUX-IN)	1x 7/8" plug 5-pole
Supply voltage (AUX-OUT)	1x 7/8" socket 5-pole		

Digital inputs

Diagnostic display	Per channel, via LED, red, green	
Digital inputs	Short-circuit protection	Yes
	Overload protection	Yes
	Reverse polarity protection	Yes
Input current, high	2 mA to 15 mA in accordance with EN 61131-2 Type 1	
Input current, low	< 15 mA in accordance with EN 61131-2 Type 1	
Input filter	1 ms	
Overload protection	Yes	
Short-circuit protection	Yes	
Status indicator	Per channel, yellow	

Digital outputs

Diagnostic display	Per channel, via LED, red, green	
Digital outputs	Short-circuit protection	Yes
	Overload protection	Yes
	Reverse polarity protection	Yes
Max. total current outputs	9 A	
Output voltage, high	min. (UL -1)	
Output voltage, low	max. 2 V	
Overload protection	Yes	
Short-circuit proof	Yes	
Short-circuit protection	Yes	
Status indicator	Per channel, via LED, yellow	

General data

Certificate	CE, cULus	Housing main material	PBT
Module variants	16 universal channels	Protection degree	IP67
UL 94 flammability rating	UL 94		

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Technical data**Diagnosis**

Channel	LED
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Fieldbus

Addressing	Via rotary coding switch (1 – 126)	Bus system	Profibus-DP
Transmission rate	max. 12 Mbps (automatic detection)		

Supply voltage

Limits	18 V DC ... 30 V DC	Operating voltage	24 V
Power consumption of module electronics	70 mA typical	Reverse polarity protection	Yes

Classifications

ETIM 6.0	EC001597	ETIM 7.0	EC001597
ETIM 8.0	EC001597	ECLASS 9.0	27-24-26-02
ECLASS 9.1	27-24-26-02	ECLASS 10.0	27-24-26-02
ECLASS 11.0	27-24-26-02		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	UR67_EU Declaration of Conformity PN45
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Software	UR67 - GSD files V1.03
User Documentation	MAN UR67 PB DE MAN UR67 PB EN
Catalogues	Catalogues in PDF-format

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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.

The 7/8" cables tend to be used for power supply applications.

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

General ordering data

Type	SAIL-7/8W-5-1.5U	Version
Order No.	1292180150	Sensor/actuator line, One end without connector, 7/8", Number of
GTIN (EAN)	4050118088052	poles : 5 (4 + PE), 1.5 m, pin, 90°deg., Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

Straight



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The 7/8" round plug-in connectors can transmit large amount of power. The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	SAIS-5/9-7/8	Version
Order No.	1301220000	Plugs prefabricated to customer spec., 7/8", pin, straight
GTIN (EAN)	4050118098150	
Qty.	1 pc(s).	
Type	SAIB-5/9-7/8	Version
Order No.	1292000000	Sockets prefabricated to customer spec., 7/8", Female socket, straight
GTIN (EAN)	4050118086874	
Qty.	1 pc(s).	

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Accessories

PUR, halogen-free, black (U)



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General ordering data

Type	SAIL-7/8G-5-1.5U	Version
Order No.	1292170150	Sensor/actuator line, One end without connector, 7/8", Number of
GTIN (EAN)	4050118088168	poles : 5 (4 + PE), 1.5 m, pin, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

M12



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12-UNI 2029	Version
Order No.	2330260000	Protected component assemblies, Protective cap
GTIN (EAN)	4032248592067	
Qty.	20 pc(s).	
Type	SAI-SK-M12	Version
Order No.	9456050000	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 pc(s).	
Type	SAI-SK STECKER M12	Version
Order No.	1781520000	Plug-in connector, IP20
GTIN (EAN)	4032248171835	
Qty.	50 pc(s).	

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Accessories

PUR, halogen-free, black (U)



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General ordering data

Type	SAIL-7/8BG-5-1.5U	Version
Order No.	1292190150	Sensor/actuator line, One end without connector, 7/8", Number of
GTIN (EAN)	4050118088250	poles : 5 (4 + PE), 1.5 m, Female socket, straight, Shielded: No, LED:
Qty.	1 pc(s).	No, Sheath material: PUR, Halogen: No

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.

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General ordering data

Type	SAIL-7/8BW-5-1.5U	Version
Order No.	1292200150	Sensor/actuator line, One end without connector, 7/8", Number
GTIN (EAN)	4050118088304	of poles : 5 (4 + PE), 1.5 m, Socket, angled, Shielded: No, LED: No,
Qty.	1 pc(s).	Sheath material: PUR, Halogen: No

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www.weidmueller.com**Accessories****Angled**

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General ordering data

Type	SAISW-5/9-7/8	Version
Order No.	1291980000	Plugs prefabricated to customer spec., 7/8", pin, 90°
GTIN (EAN)	4050118087017	
Qty.	1 pc(s).	
Type	SAIBW-5/9-7/8	Version
Order No.	1292020000	Sockets prefabricated to customer spec., 7/8", Socket, angled
GTIN (EAN)	4050118086959	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Blank**

ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 9/20 MC NE WS	Version
Order No.	1609940000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190203528	
Qty.	200 pc(s).	