

SAI-04L-VPFC-4A-M12L-PNP-05U08**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Version	Sensor-actuator passive distributor, M12, Fixed cable version, 5 m, Yes
Order No.	1070650000
Type	SAI-04L-VPFC-4A-M12L-PNP-05U08
GTIN (EAN)	403224882684 1
Qty.	1 pc(s).

Creation date March 16, 2023 2:32:22 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	144 mm	Depth (inches)	5.669 inch
Height	18.2 mm	Height (inches)	0.717 inch
Net weight	505 g		

Temperatures

Operating temperature	-20 - 80°C	Operating temperature, min.	-20 °C
Operating temperature, max.	80 °C		

Connection data

Sheathing stripping length	100 mm	Distributor outlet	Fixed cable version
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Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	3 A
Total current	9 A	Current per signal	2 A
Electrical isolation available	No	Insulation strength	10 ⁹ Ω

General technical data

Plug-in station coding	A	Protection degree	IP68
Number of poles	4	Cable pole count	7
Number of contact sockets	4	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≤ 50	LED	Yes
LED initiator	Yes	LED colour for indicating operation	green
LED colour for I/O function	yellow		

Material data

Housing main material	PA 6 GF, PBT	Material of distributor	Plastic
Housing colour	black (similar to RAL 9005)	Screw socket	Nickel-plated CuZn
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

Technical data cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Colour coding	blue, brown, yellow, grey, green, Green/yellow, white	Halogen	No
Number of poles	4	O.D.	7.5 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section (Print/Online)	16 x 0.34 mm ² + 3 x 1.0 mm ²
Cable length	5 m	Suitable for cable carriers	Yes

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-08
ECLASS 11.0	27-44-01-08	ECLASS 12.0	27-44-01-08

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Data sheet**SAI-04L-VPFC-4A-M12L-PNP-05U08****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

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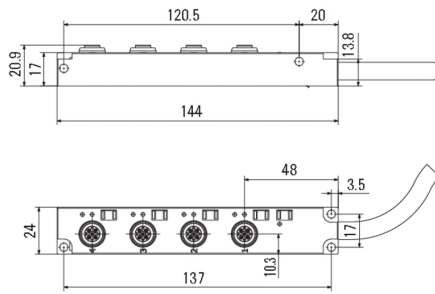
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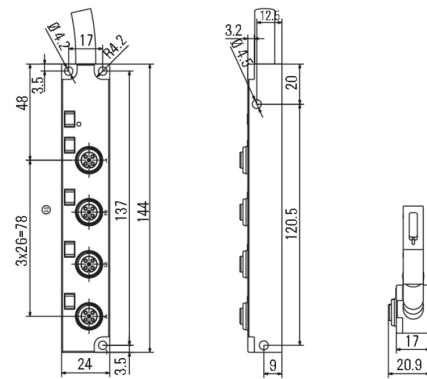
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Drawings

Dimensioned drawing



Dimensioned drawing



Wiring diagram