

SAI-4-F 5P M12 L 5M**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	Fixed cable version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 5 m
Order No.	1070630000
Type	SAI-4-F 5P M12 L 5M
GTIN (EAN)	4032248826827
Qty.	1 pc(s).

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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	594 g		

Temperatures

Operating temperature	-20 - 80°C
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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-coded	Protection degree	IP68
Number of poles	5	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	PBT	Material of distributor	Plastic
Housing colour	grey, RAL 7032	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	white, green, yellow, grey, grey / pink, red / blue, white / green, brown / green, blue, brown, Green/ yellow	Halogen	No
Number of poles	5	O.D.	8.2 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section (Print/Online)	8 x 0.34 mm ² + 3 x 1.0 mm ²
Cable length	5 m	Suitable for cable carriers	Yes

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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ETIM 9.0	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	ECLASS 13.0	27-44-01-08
ECLASS 14.0	27-44-01-08		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

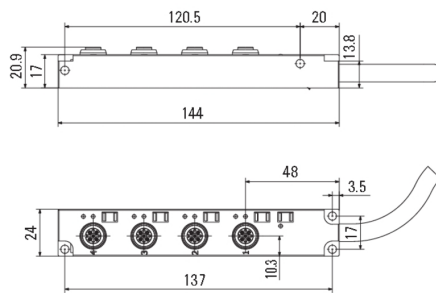
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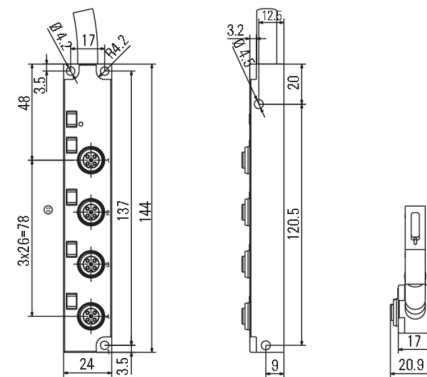
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Drawings

Dimensioned drawing



Dimensioned drawing



Wiring diagram

