

SAI-12-F 3P M8 L 5M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The new slim M8 line from Weidmüller. This range of products is characterised by the marking options at all connection positions. Even the 4-way distributor with 8-pole M12 has adequately large markers at all M8 connection positions. Furthermore, this distributor is shorter than many conventional M8 designs.

- Very narrow, short and flat M8 distributor.
- The range is supplied with 4 to 12 M8 connection positions, 3 or 4 poles.
- Hybrid variants of the M8 are also possible on request.
- The M8 line is equipped with transverse holes.

General ordering data

Version	SAI Passive, Sensor-actuator passive distributor, M8, Fixed cable version, 5 m, Yes
Order No.	1828640000
Type	SAI-12-F 3P M8 L 5M
GTIN (EAN)	4032248335183
Qty.	1 pc(s).

SAI-12-F 3P M8 L 5M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	18.2 mm	Depth (inches)	0.717 inch
Height	196 mm	Height (inches)	7.717 inch
Net weight	597 g	Width	24 mm
Width (inches)	0.945 inch		

Temperatures

Operating temperature	-25 - 80°C
-----------------------	------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Connection data

Sheathing stripping length	100 mm	Distributor outlet	Fixed cable version
----------------------------	--------	--------------------	---------------------

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	2 A
Total current	6 A	Current per signal	1 A
Insulation strength	10 ⁹ Ω		

General technical data

Protection degree	IP68	Number of poles	3
Number of contact sockets	12	Connection thread	M8
Pollution severity	3	Fire behaviour	V-0
LED	Yes	LED initiator	Yes
LED colour for indicating operation	green	LED colour for I/O function	yellow

Material data

Housing main material	Pocan	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
Halogen	No	Number of poles	3
O.D.	7.7 mm	Sheath material	PUR
Sheathing colour	black	Shielded	No
Wire cross section	12 x 0.34 mm ² + 2 x 0.75 mm ²	Cable length	5 m
Suitable for cable carriers	Yes		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	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

SAI-12-F 3P M8 L 5M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS	Conform
------	---------

UL File Number Search	E92202
-----------------------	--------

Downloads

Engineering Data	STEP
------------------	----------------------

Engineering Data	WSCAD, EPLAN
------------------	------------------------------

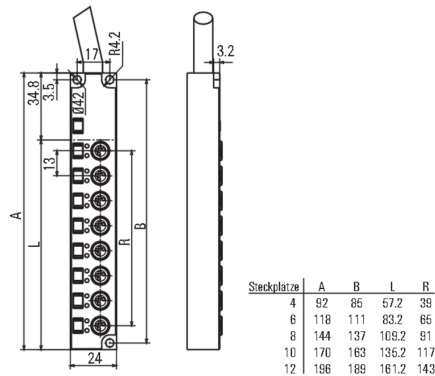
SAI-12-F 3P M8 L 5M

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

www.weidmueller.com

Drawings

Dimensioned drawing



Wiring diagram

