

SAI-4-MHD-5P M12

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Cable gland: M25 for cables with an outer insulation diameter from 13 mm to 18 mm. The SAI distributor with M25 cable gland is suitable among others for the following cable types:

- 21 x 0.50 mm
- 18 x 0.75 mm bis 21 x 0.75 mm
- 14 x 100 mm bis 20 x 100 mm
- 8 x 1.50 mm bis 16 x 1.50 mm

General ordering data

Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version with M25 outlet, Yes
Order No.	1701233000
Type	SAI-4-MHD-5P M12
GTIN (EAN)	4032248184507
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2019-07-01

Creation date March 24, 2021 8:48:58 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

SAI-4-MHD-5P M12

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Height	55 mm	Height (inches)	2.165 inch
Length	102 mm	Length (inches)	4.016 inch
Net weight	480 g	Width	60 mm
Width (inches)	2.362 inch		

Temperatures

Operating temperature	-20 - 90°C
-----------------------	------------

Environmental Product Compliance

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

Connection data

Conductor O.D., min.	14 mm	Conductor O.D., max.	18 mm
Cable glands	M 25	Clamping range, min.	0.08 mm ²
Clamping range, max.	1.5 mm ²	Storage space	gross
Distributor outlet	Hood version with M25 outlet	Connection type PE	Screw connection

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Total current	10 A	Current per signal	2 A
Electrical isolation available	Yes	Insulation strength	10 ⁹ Ω

General technical data

Plug-in station coding	A	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	Pocan (base module), Zinc diecast (hood)	Material of distributor	metal
Housing colour	silver	Hood sealing material	Polyurethane foamed
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Conductor O.D., max.	18 mm	Conductor O.D., min.	14 mm
Number of poles	5		

SAI-4-MHD-5P M12

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

www.weidmueller.com

Technical data**Classifications**

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-11	ECLASS 11.0	27-44-01-11

Approvals

Approvals



ROHS Conform

DownloadsEngineering Data [WSCAD](#)

