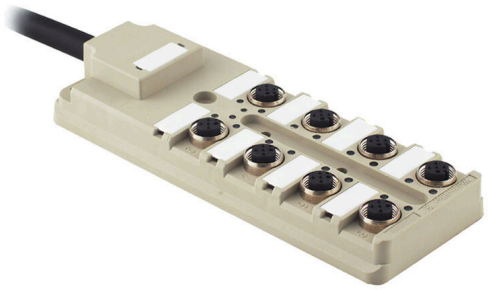
Data sheet

SAI-08D-VPFC-5A-M12L-INV-05U15

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

www.weidmueller.com



RoHS COMPLIANT

NPN-PNP Inverter

Passive M12 distributors are available in all conceivable forms and configurations. Furthermore, a number of special versions, e.g. SAI distributors for EX zones or the ergonomic M8, are available only from Weidmüller. These innovative products are backed up by numerous proprietary rights.

General ordering data

Version	Fixed cable version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: NPN-PNP inverter, 5 m
Order No.	1814990000
Type	SAI-08D-VPFC-5A-M12L-INV-05U15
GTIN (EAN)	4032248303151
Qty.	1 items

Data sheet

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	152 mm	Depth (inches)	5.9842 inch
Height	25 mm	Height (inches)	0.9842 inch
Net weight	715 g		

Temperatures

Operating temperature	0 - 50°C

Environmental Product Compliance

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

Connection data

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	4 A
Electrical isolation available	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP68	Plug-in station coding	A-coded
Number of poles	5	Number of contact sockets	8
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	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Number of poles	5	Sheathing colour	black
O.D.	8.2 mm	Shielded	No
Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio	Wire cross section (Print/Online)	8 x 0.34 mm² + 3 x 1.0 mm²
Sheath material	PUR	Colour coding	white, black, red, pink, violet, yellow, green, grey, blue, brown, Green/yellow
Cable length	5 m	Suitable for cable carriers	Yes

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Technical data

Classifications

ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

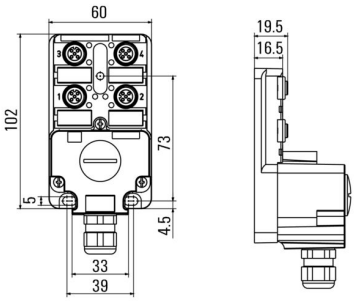
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Drawings

Dimensioned drawing



Wiring diagram

