Data sheet

SAI-08L-VPFC-3A-M08L-PNP-05U03

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	Fixed cable version, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: PNP, 5 m
Order No.	1828680000
Type	SAI-08L-VPFC-3A-M08L-PNP-05U03
GTIN (EAN)	4032248335329
Qty.	1 items

SAI-08L-VPFC-3A-M08L-PNP-05U03

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

www.weidmueller.com

Technical data

Approvals

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

Dimensions and weights

Depth	18.2 mm	Depth (inches)	0.7165 inch
Height	144 mm	Height (inches)	5.6693 inch
Width	24 mm	Width (inches)	0.9449 inch
Net weight	487 g		

Temperatures

Operating temperature	-25 - 80°C

Environmental Product Compliance

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

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
Electrical isolation available	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP68	Number of poles	3
Number of contact sockets	8	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

Material O-Ring	FKM	Housing main material	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

Number of poles	3	Sheathing colour	black
O.D.	7.4 mm	Shielded	No

SAI-08L-VPFC-3A-M08L-PNP-05U03

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

www.weidmueller.com

Technical data

Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio	Wire cross section (Print/Online)	8 x 0.34 mm² + 2 x 0.75 mm²
Sheath material	PUR	Cable length	5 m
Suitable for cable carriers	Yes		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	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
ECLASS 15.0	27-44-01-08		

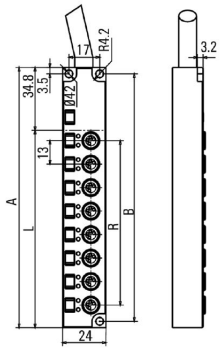
SAI-08L-VPFC-3A-M08L-PNP-05U03

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

www.weidmueller.com

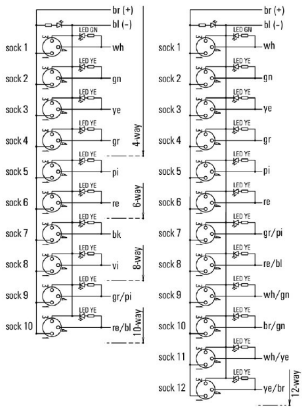
Drawings

Dimensioned drawing



Steckplätze	A	B	L	R
4	92	85	57.2	39
6	118	111	83.2	65
8	144	137	109.2	91
10	170	163	135.2	117
12	196	189	161.2	143

Wiring diagram



Pole scheme

