Data sheet

SAI-12L-VPFC-3A-M08L-PNP-15U05

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, 15 m
Order No.	1234890000
Type	SAI-12L-VPFC-3A-M08L-PNP-15U05
GTIN (EAN)	4050118019513
Qty.	1 items

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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	196 mm	Height (inches)	7.7165 inch
Width	24 mm	Width (inches)	0.9449 inch
Net weight	1462 g		

Temperatures

Operating temperature	-20 - 70°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.	15 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	2 A	Total current	6 A
Electrical isolation available	No		

General technical data

Protection degree	IP68	Number of poles	3
Number of contact sockets	12	Connection thread	M8
Pollution severity	3	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)
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.	7.7 mm	Shielded	No

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Technical data

Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio	Wire cross section (Print/Online)	12 x 0.34 mm² + 2 x 0.75 mm²
Sheath material	PUR	Cable length	15 m
Suitable for cable carriers	Yes		

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		

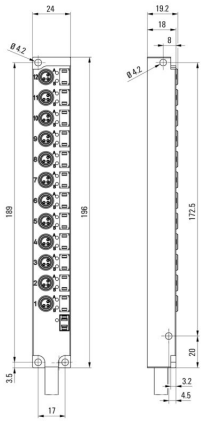
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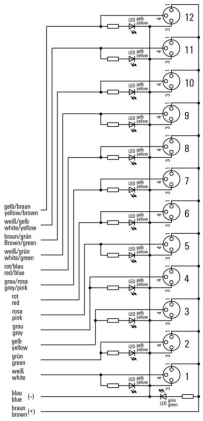
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Drawings

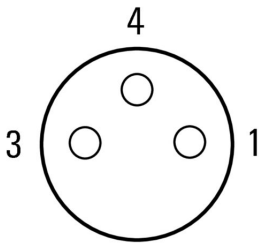
Dimensioned drawing



Wiring diagram



Pole scheme



M8