

SAI-06L-VPFC-4A-M08L-PNP-05U05**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.	1849700000
Type	SAI-06L-VPFC-4A-M08L-PNP-05U05
GTIN (EAN)	4032248376698
Qty.	1 pc(s).

SAI-06L-VPFC-4A-M08L-PNP-05U05

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	118 mm	Height (inches)	4.646 inch
Width	24 mm	Width (inches)	0.945 inch
Net weight	532 g		

Temperatures

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

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	4
Number of contact sockets	6	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

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Halogen	No	Number of poles	4
O.D.	7.7 mm	Sheath material	PUR
Sheathing colour	black	Shielded	No
Wire cross section (Print/Online)	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
ETIM 8.0	EC002585	ETIM 9.0	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

SAI-06L-VPFC-4A-M08L-PNP-05U05**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20211208 Technical change to SAI M8 Line Distribution Boxes 20211208 Technische Änderung zu SAI M8 Line Verteiler
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

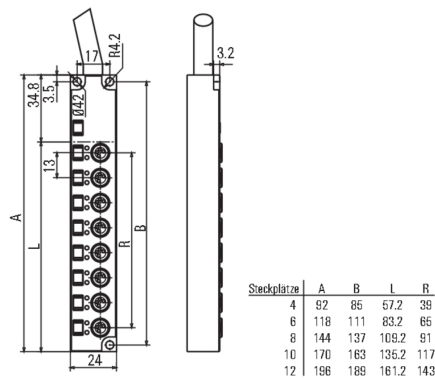
SAI-06L-VPFC-4A-M08L-PNP-05U05

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

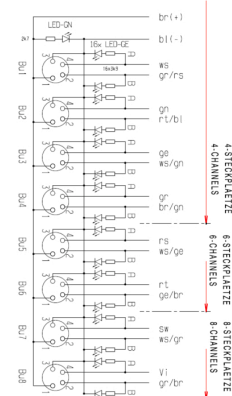
www.weidmueller.com

Drawings

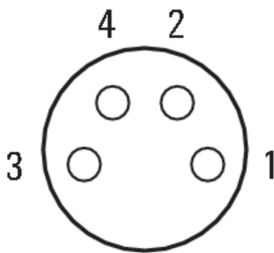
Dimensioned drawing



Wiring



Pole scheme



SAI-06L-VPFC-4A-M08L-PNP-05U05

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Blank



MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	MFF 10/6 MC NE WS	Version
Order No.	1856780000	MultiFit, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Festo,
GTIN (EAN)	4032248400881	white
Qty.	600 pc(s).	

M8



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK M8	Version
Order No.	1802760000	Protected component assemblies, Protective cap
GTIN (EAN)	4032248257379	
Qty.	50 pc(s).	

SAI-06L-VPFC-4A-M08L-PNP-05U05**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Screwty® cable gland tool with torque function****The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version	Packaging
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors	Cardboard
GTIN (EAN)	4032248436859		box
Qty.	1 pc(s).		