

SAIL-M8GRJ45-4S25UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Number of poles: 4, 25 m, pin, straight, RJ45, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1201212500
Type	SAIL-M8GRJ45-4S25UIE
GTIN (EAN)	4050118692754
Qty.	1 pc(s).

SAIL-M8GRJ45-4S25UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Net weight	754 g
------------	-------

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	25 m	Colour coding	blue, orange, white / blue, white / orange
Core cross-section	0.15 mm ²	Halogen	No
Hybrid cable	No	Insulation	PP
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistance to oils	Yes
Resistance to spread of flame	in accordance with IEC 60332-1-2	Sheath material	PUR
Sheathing colour	green	Shielded	Yes
Speed	180 m/s	Suitable for cable carriers	Yes
Temperature range, stationary	-40...80 °C		

General technical data

Coding	none	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	30 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M8: 0.5 - 0.6 Nm	Version	pin, straight, RJ45
jumpered	No		

Electrical properties

Rated voltage	30 V
---------------	------

Plug, left

Plug left	connector, M8, Number of poles: 4, IP67, male contact, straight, shielded
-----------	---

Plug, right

Plug right	connector, RJ45, IP20, male contact, straight, shielded
------------	---

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

SAIL-M8GRJ45-4S25UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/

ROHS

Conform

Environmental Product Compliance

RoHS Compliance Status

Compliant with exemption

RoHS Exemption (if applicable/known)

6c

REACH SVHC

Lead 7439-92-1

SCIP

e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Downloads

Engineering Data

[CAD data – STEP](#)[CAD data – DWG](#)[CAD data – DXF](#)

Catalogues

[Catalogues in PDF-format](#)

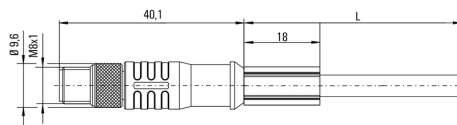
SAIL-M8GRJ45-4S25UIE

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

www.weidmueller.com

Drawings

Dimensioned drawing



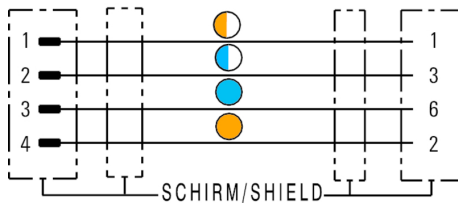
Male, straight

Pole scheme

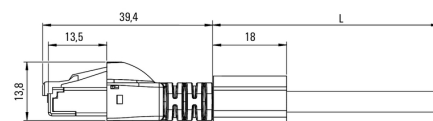


Pin

Wiring diagram

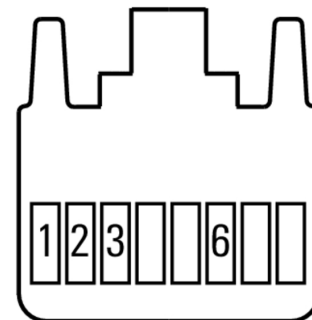


Dimensioned drawing



RJ45

Pole scheme



RJ45

The ideal tool: Screwty® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F