

SAI-H3-M12-K-SI

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Y connector
Order No.	3099310000
Type	SAI-H3-M12-K-SI
GTIN (EAN)	4099987133968
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Net weight

50 g

Environmental Product Compliance

RoHS Compliance Status

Compliant without exemption

REACH SVHC

No SVHC above 0.1 wt%

Connection data

Group outlet - plug-in connector

M12 pin

Single outlet 1 - plug-in connector

M12 socket

Single outlet 2 - plug-in connector

M12 socket

Technical data customisable plug-in connectors

Number of poles

4

Contact surface

Gold-plated

Insulation resistance

≥ 100 MΩ

Nominal voltage

630 V

Protection degree

IP65

Pollution severity

3

Shield connection

Yes

Temperature range of housing

-40 ... +85 °C

Coding

K-coded

Housing main material

TPU

Contact material

CuZn

Nominal current

16 A

Plugging cycles

≥ 100

Cable gland

M 12

Threaded ring material

Brass, nickel-plated

Standards

Connector standard

IEC 61076-2-111

General data

Number of poles

4

Contact material, socket

CuZn

Contact surface

Gold-plated

Insulation resistance

≥ 100 MΩ

Nominal voltage

630 V

Protection degree

IP65

Pollution severity

3

Connection 1

M12/M12

Shield connection

Yes

Conductor O.D.

-

Coding

K-coded

Contact material, pin

CuZn

Housing main material

TPU

Contact material

CuZn

Nominal current

16 A

Plugging cycles

≥ 100

Cable gland

M 12

Connection 2

M12

Temperature range of housing

-40 ... +85 °C

Classifications

ETIM 8.0

EC002925

ETIM 10.0

EC002925

ECLASS 15.0

27-44-01-06

ETIM 9.0

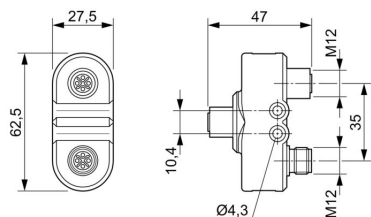
EC002925

ECLASS 14.0

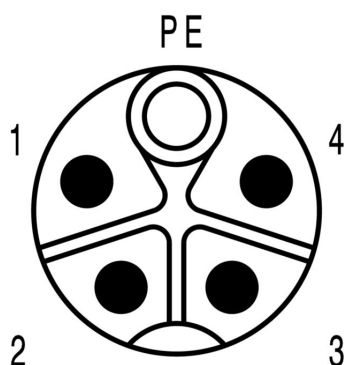
27-44-01-06

Drawings

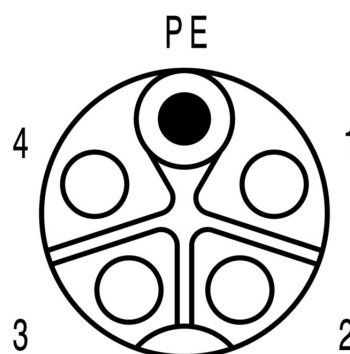
Dimensioned drawing



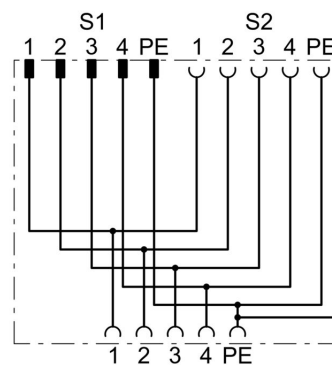
Pole scheme



Pole scheme



Wiring diagram



Derating curve

