

**SAI-4/6/8-MHF 5P PUR50M****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

**General ordering data**

Version	Sensor-actuator passive distributor, Hood version, 50 m, No
Order No.	<a href="#">1791465000</a>
Type	SAI-4/6/8-MHF 5P PUR50M
GTIN (EAN)	4032248668816
Qty.	1 pc(s).

Creation date March 16, 2023 5:03:23 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

## SAI-4/6/8-MHF 5P PUR50M

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	59.2 mm	Depth (inches)	2.331 inch
Height	32.5 mm	Height (inches)	1.28 inch
Net weight	6,931 g		

## Temperatures

Operating temperature	-20 - 80°C	Operating temperature, min.	-20 °C
Operating temperature, max.	80 °C		

## Connection data

Cable glands	M 20	Distributor outlet	Hood version
--------------	------	--------------------	--------------

## Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	4 A	Total current	10 A

## General technical data

Protection degree	IP68	Number of poles	5
Pollution severity	3	LED	No

## Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	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
Colour coding	white, green, yellow, grey, pink, red, brown, black, violet, grey / pink, red / blue, white / green, white / yellow, Yellow / brown, white / grey, grey / brown, blue, Green/yellow	Halogen	No
Number of poles	5	O.D.	9.7 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section (Print/Online)	16 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>
Cable length	50 m	Suitable for cable carriers	Yes

## Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	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

**SAI-4/6/8-MHF 5P PUR50M**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)










**SAI-4/6/8-MHF 5P PUR50M**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

**Pinning**

1		white
2		green
3		yellow
4		grey
5		pink
6		red
7		black
8		violet
9		grey/pink
10		red/blue
11		white/green
12		brown/green
13		white/yellow
14		yellow/brown
15		white/grey
16		grey/brown
17		brown
18		blue
19		red
20		black
21		green/yellow