

**SAIBWP-M-4D-4/8-P12**

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

www.weidmueller.com



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

**General ordering data**

Version	Field attachable connector, M12 Push-Pull
Order No.	<a href="#">3099430000</a>
Type	SAIBWP-M-4D-4/8-P12
GTIN (EAN)	4099987134088
Qty.	1 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Width	47 mm	Width (inches)	1.8504 inch
Diameter	18.6 mm	Net weight	50 g

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption  
 REACH SVHC No SVHC above 0.1 wt%

**Technical data customisable plug-in connectors**

Number of poles	4	
Coding	D	
Contact surface	Ni/Au	
LED	No	
Type of connection	PUSH IN	
Housing main material	PA 66, zinc diecast nickel-plated	
Insulation resistance	≥ 100 MΩ	
Cable diameter, max.	8 mm	
Cable diameter, min.	4 mm	
Category	Cat.5 (ISO/IEC 11801)	
Contact material	CuSn	
Conductor cross-section, max.	0.75 mm <sup>2</sup>	
Conductor cross-section, min.	0.14 mm <sup>2</sup>	
Nominal voltage	48 V	
Nominal current	4 A	
Protection degree	IP67, IP65	
Plugging cycles	≥ 100	
Pollution severity	3	
Gender of contact	Female	
Rated voltage	Rated voltage	48 V
	Voltage type	AC
	Rated voltage	60 V
	Voltage type	DC
Shield connection	Yes	
Threaded ring material	Diecast zinc	
Temperature range of housing	-40 ... +85 ° C	
Connection cross-section, max.	0.75 mm <sup>2</sup>	
Connection cross-section, min.	0.14 mm <sup>2</sup>	

**General Info**

Number of poles	4	Connection 1	M12
Connection 2	PUSH IN	UL 94 flammability rating	V-0
Housing main material	PA 66, zinc diecast nickel-plated	Category	Cat.5 (ISO/IEC 11801)
Connection thread	M12 Push-Pull	Contact material	CuSn
Contact surface	Ni/Au	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	0.75 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.08 mm <sup>2</sup>

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**Technical data**

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	0.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	0.75 mm <sup>2</sup>	Contact holder materials	PA
Shielding	Yes	Protection degree	IP67, IP65
Plugging cycles	≥ 100		

**Electrical properties**

Insulation resistance	≥ 100 MΩ	Nominal voltage	48 V
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**General standards**

Connector standard	IEC 61076-2-010, IEC 61076-2-101		
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**Standards**

Connector standard	IEC 61076-2-010, IEC 61076-2-101	Fire safety for railway vehicles	DIN EN 45545-2
Shock and vibration proof according to	EN 50155:2001		

**Classifications**

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

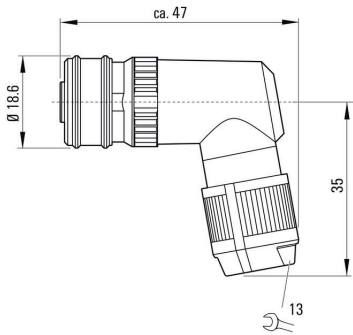
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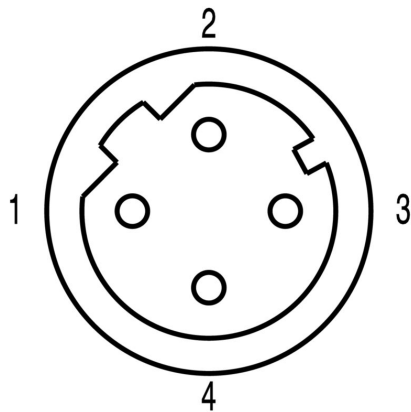
**Drawings**

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

**Dimensioned drawing**



**Pole scheme**



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