

SAIBWP-M-5A-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.	3099390000
Type	SAIBWP-M-5A-4/8-P12
GTIN (EAN)	4099987134040
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	5		
Coding	A-coded		
Contact surface	Ni/Au		
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		
Contact material	CuSn		
Conductor cross-section, max.	0.75 mm ²		
Conductor cross-section, min.	0.14 mm ²		
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		

General Info

Number of poles	5	Connection 1	M12
Connection 2	PUSH IN	UL 94 flammability rating	V-0
Housing main material	PA 66, zinc diecast nickel-plated	Connection thread	M12 Push-Pull
Contact material	CuSn	Contact surface	Ni/Au
Wire connection cross section, finely stranded, min.	0.14 mm ²	Wire connection cross section, finely stranded, max.	0.75 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.08 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	0.5 mm ²
Wire cross-section, solid, min.	0.14 mm ²	Wire cross-section, solid, max.	0.75 mm ²
Contact holder materials	PA	Shielding	Yes
Protection degree	IP67, IP65	Plugging cycles	≥ 100

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Technical data**Standards**

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

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		

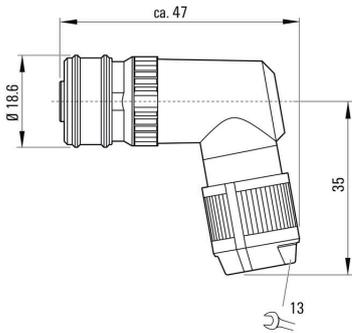
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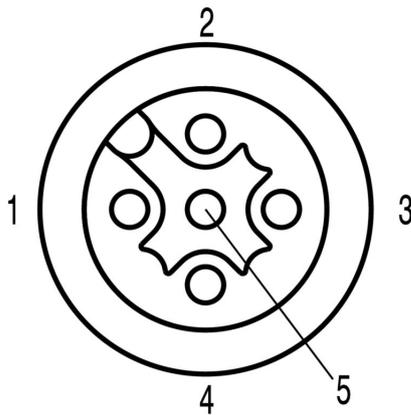
Drawings

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Dimensioned drawing



Pole scheme



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