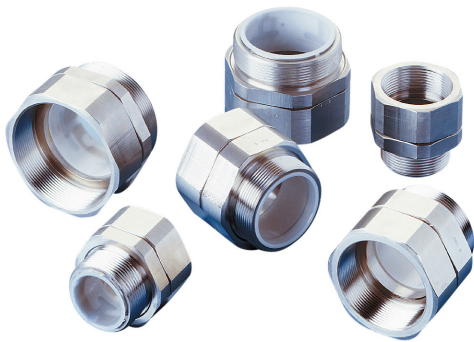


TECHNICAL DATA SHEET

PMA Accessories - SWA-M - Metal Swivel-Adapter
IP68 & IP69, metric thread**PMA****Applications:**

- In connection with PMA fittings with metal thread

Features & Benefits:

- Allows PMA fittings to swivel freely in applications where such movement is occasionally necessary
- With thread edge protection

Ingress protection:

- IP69 / IP68

Materials:

- Nickel-plated brass (other materials e.g. stainless steel available on request)

Compatible with:

- PMAFIX Pro & PMAFIX metal thread fittings

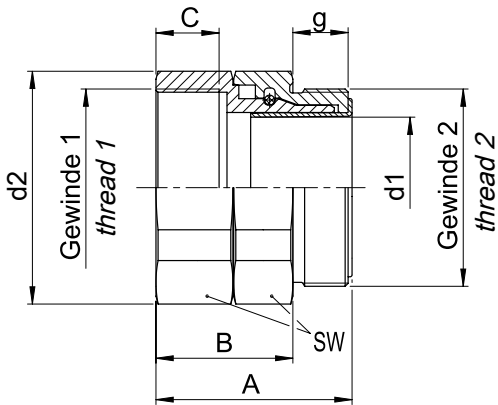
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Thread size		Dimensions in mm (nom.)							Weight	Packing unit
	metric (thread 1)	metric (thread 2)	g	d1	d2	SW	A	B	C	kg/100 pcs	pcs/PU
SWA-M16-10	M16x1.5	M16x1.5	10.0	7.0	23.0	21.0	37.5	26.5	11.0	6.3	1
SWA-M20-10	M20x1.5	M20x1.5	10.0	10.0	27.0	25.0	38.5	27.5	11.0	8.4	1
SWA-M25-11	M25x1.5	M25x1.5	11.0	15.5	32.0	30.0	41.0	29.0	12.0	10.7	1
SWA-M32-13	M32x1.5	M32x1.5	13.0	22.0	45.0	41.0	46.5	32.5	14.0	24.0	1
SWA-M40-13	M40x1.5	M40x1.5	13.0	29.0	55.0	50.0	47.5	33.5	14.0	34.5	1
SWA-M50-14	M50x1.5	M50x1.5	14.0	35.5	59.0	55.0	49.5	34.5	16.0	35.6	1
SWA-M63-14	M63x1.5	M63x1.5	14.0	45.0	75.0	70.0	52.0	37.0	15.0	64.6	1

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-50 ... +105°C		PMA DO 9.21-4510

Swivel characteristics:	Value:	Test parameters:	Test method:
Rotational test with lateral forces	> 10'000 rotations		

Rotation characteristics and IP rating were not affected during testing

For applications (robotics) involving frequent/fast movements we recommend a swivel adapter with ball bearings

Content of delivery:

- Complete adapter with special sealing and thread edge protection
- Thread gasket for internal thread
- Flat gasket for external threads (SVN4)
- O-ring

Assembly instructions:

- Please consider the appropriate assembly instructions on www.pma.ch

This component provides no electrical continuity

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www.pma.ch

Let's write the future.
Together. **abb.com**

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