
 TECHNICAL DATA SHEET

PMA Ex system – BEAVR - Conduit Adapter

PMA



IP68, polyamide conduit adapter for flexible non-metallic conduit



Applications:

- For indoor and outdoor applications in hazardous areas

Features & Benefits:

- Prevents electrostatic charging
- For indoor and outdoor applications
- High connection strength - to conduit
- Corrosion resistant
- Easy installation
- Very good chemical properties
- For Zone 1, 2, 21 & 22

Ingress protection:

- IP66, IP68

Materials:

- Dissipative polyamide 12

Compatible with:

- PMA Ex-System Conduit

Conforms to:

- IEC EN 60079-0, IEC EN 60079-7, IEC EN 60079-31
- GB/T 3836.1, GB/T 3836.3, GB/T 3836.31

Certificates:

- ATEX: SEV 15 ATEX0121X
- IECEx: IECEx SEV15.0009X
- CCCEX: 2024122313118136

Ex-Markings:

- Ex eb IIC Gb
- Ex tb IIIC Db

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

Chemical properties:

- Please refer to www.pma.ch for more technical information and informations on chemical resistance

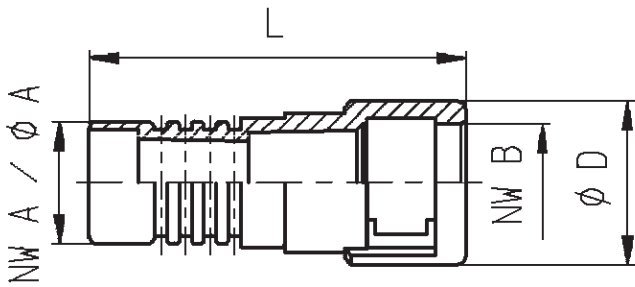
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Conduit size		Dimensions in mm (nom.)			Weight kg/100 pcs	Packing unit pcs/PU	
	black	NW (A)	NW (B)	L	Ø A			Ø D
BEAVR03/02		12	10	46.0	15.5	20.0	0.5	10
BEAVR04/03		17	12	54.0	21.0	23.5	0.9	10
BEAVR05/04		23	17	62.0	28.5	29.5	1.8	10
BEAVR06/05		29	23	64.0	34.0	37.0	2.1	10
BEAVR07/06		36	29	81.0	43.0	44.0	3.9	10
BEAVR08/07		48	36	88.5	55.0	53.5	6.2	10

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



Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1100 N/mm ²		ISO 527
Tensile strength	35 N/mm ²		ISO 527
Impact strength	> 7 J	(85°C)	EN 60079-0
Impact strength (NW10-12)	> 7 J	(-5°C)	EN 60079-0
Impact strength (NW17-48)	> 7 J	(-20°C)	EN 60079-0

Thermal properties:	Value:	Test parameters:	Test method:
For use in hazardous locations:			
Temperature range in combination with PMA XESX conduit sizes 02-03 (NW10-12)	-05 ... +85 °C		EN 60079-0
Temperature range in combination with PMA XESX conduit sizes 04-08 (NW17-48)	-20 ... +85 °C		EN 60079-0
General:	-50 ... +95 °C		

Electrical properties:	Value:	Test parameters:	Test method:
Specific surface resistivity	< 10 ⁷ Ω		ASTM D257

Content of delivery:

- Conduit adapter with conduit locking clip (OVN2)
- Ex-System Conduit gasket (NEN3)

Assembly instructions:

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

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