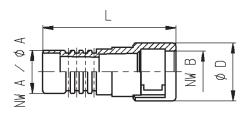


Conduit Adapter IP68



## BEAVR PMA Ex eb and Ex tb Non Metallic System

Dimensions



## Features

- Conduit size reduction
- Made of dissipative PA12
- Prevents electrostatic charging
- For indoor and outdoor applications
- High system connection strengths
- Easy installation
- Very good chemical properties
- Zone 1,2, 21 & 22



Certification & Standards	
Approved to:	IEC EN 60079-0, 60079-7, 60079-31
	CCC GB/T 3836.1, GB/T 3836.3, GB/T 3836.31
EC TYPE Examination	ATEX: SEV 15 ATEX 0121X
Certificate:	IECEx: IECEx SEV15.0009X
	Ex eb IIC Gb
	Ex tb IIIC Db
	CCC
Temperature:	-5°C to +85°C Sizes 02-03 (NW10-12)
	-20°C to +85°C Sizes 04-08 (NW17-48)
IP protection:	IP66, IP68

order no.	fits	to	d	imensions in mm (nor	n.)	weight	packing unit
black	NW A fitting size	NW B conduit size	ØA	ØD	L	kg/100 pcs	PU/pcs
BEAVR03/02	12	10	15.5	20.0	46.0	0.5	1
BEAVR04/02	17	10	21.0	20.0	53.0	0.8	1
BEAVR04/03	17	12	21.0	23.5	54.0	0.9	1
BEAVR05/02	23	10	28.5	20.0	54.0	1.2	1
BEAVR05/04	23	17	28.5	29.5	62.0	1.8	1
BEAVR06/05	29	23	34.0	37.0	64.0	2.1	1
BEAVR07/06	36	29	43.0	44.0	81.0	3.9	1
BEAVR08/07	48	36	55.0	53.5	88.5	6.2	1

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



Conduit Adapter IP68



## **BEAVR** PMA Ex eb and Ex tb Non Metallic System

Notched bar         kJ/m <sup>2</sup> 9         (-30°C)         ISO 179/2-1eA           Impact strength         kJ/m <sup>2</sup> > 7         (85°C)         EN 60079-0           Thermal properties         -         -         -         -           For use in hazardous locations:         -         -         -         -           Temperature range sizes 02-03         °C         -05 +85         EN 60079-0         EN 60079-0           General:         °C         -20 +85         EN 60079-0         EN 60079-0         EN 60079-0           General:         °C         -20 +85         EN 60079-0         EN 60079-0         EN 60079-0           Fire safety characteristics         - </th <th>properties</th> <th>unit</th> <th>value</th> <th>test method</th>	properties	unit	value	test method	
Stress E-module       N/mm <sup>2</sup> 350       ISO 527         Tensile strength       N/mm <sup>2</sup> 35       ISO 527         N/mm <sup>2</sup> 35       ISO 527       ISO 527         Impact strength       N/m <sup>2</sup> > 7       (85°C)       EN 60079-0         Impact strength       k/m <sup>2</sup> > 7       (85°C)       EN 60079-0         Thermal properties       -       -       -       -         For use in hazardous locations:       -       -       -       -       EN 60079-0         Temperature range sizes 02-03       "C       -05 _ +85       EN 60079-0       EN 60079-0         Emperature range sizes 02-03       "C       -20 _ +85       EN 60079-0       EN 60079-0         Fire safety characteristics       Application approvals       -50 +95       EN 60079-0       EN 60079-0         System test       Please refer to Info-No.10       -       -       -       -       -         Electrical properties       -					
Tensile strength     N/mm <sup>2</sup> 35     ISO 527       Notched bar impact test     y/m <sup>2</sup> > 7     (-30°C)     ISO 527       Impact strength     k/m <sup>2</sup> > 7     (83°C)     EN 60079-0       Thermal properties     -     -     -       For use in hazardous locations:     -     -     -       Temperature range sizes 02-03     °C     -05 + 85     EN 60079-0       Temperature range sizes 04-08     °C     -05 + 85     EN 60079-0       General:     -20 + 85     EN 60079-0     EN 60079-0       Fire safety characteristics     -50 + 95     EN 60079-0       Application approvals     -50 + 95     EN 60079-0       System test     -     -     -       Please refer to Info-No. 10     -     -     -       Electrical properties     -     -     -       Specific surface resistivity     Ω     < 10°	Mechanical properties				
Notched bar impact test impact strength       k/m²       9       (-30°C)       ISO 179/2-1eA         Impact strength       27       (-85°C)       EN 60079-0         Thermal properties       -       -       -         For use in hazardous locations:       -       -       -       -         Temperature range sizes 02-03       °C       -       -05 +85       EN 60079-0         Temperature range sizes 04-08       °C       -20 +85       EN 60079-0         General:       -50 +95       EN 60079-0       -         Fire safety characteristics       Application approvals       -       -       -         System test       -       -       -       -       -       -         Please refer to Info-No. 10       -	Stress-E-module	N/mm <sup>2</sup>	350	ISO 527	
Impact strength       kl/m²       > 7       (85°C)       EN 60079-0         Thermal properties       -       -       -       EN 60079-0         For use in hazardous locations:       -       -       -       -       EN 60079-0         Temperature range sizes 02-03       °C       -05 +85       EN 60079-0       EN 60079-0         Temperature range sizes 04-08       °C       -20 +85       EN 60079-0         General:       -50 +95       EN 60079-0       EN 60079-0         Fire safety characteristics       -50 +95       EN 60079-0         Application approvals       -50 +95       EN 60079-0         System test       -       -       -         Please refer to Info-No. 10       -       -       -         Electrical properties       -       -       -       -         Please refer to www.pma.ch       -       -       EU Directive 2011/65/EU       EU Directive 2011/65/EU       EU Directive 1907/2006/EC         Weathering resistance       -       -       -       -       EU Directive 1907/2006/EC         Weathering rul/ubing indication       -       -       -       -       -       -         Mounting indication       -       -	Tensile strength	-	35	ISO 527	
kl/m²     > 7     (-20°C)     EN 60079-0       Thermal properties     -     -     -       For use in hazardous locations:     -     -     -       Temperature range sizes 02-03     °C     -05 +85     EN 60079-0       Temperature range sizes 04-08     °C     -20 +85     EN 60079-0       General:     -20 +85     EN 60079-0       Fire safety characteristics     -20 +85     EN 60079-0       Application approvals     -50 +95     EN 60079-0       System test     -     -       Bease refer to Info-No. 10     -     -       Electrical properties     -     -       Specific surface resistivity     Ω     < 10°	Notched bar impact test			ISO 179/2-1eA	
Thermal properties     -     -       For use in hazardous locations:     -     -05 +85     EN 60079-0       Temperature range sizes 02-03     "C     -20 +85     EN 60079-0       Temperature range sizes 02-03     "C     -20 +85     EN 60079-0       General:     -     -50 +95     EN 60079-0       Fire safety characteristics     Application approvals     -     -       System test     -     -     -       Please refer to Info-No. 10     -     -     -       Electrical properties     -     -     -       Specific surface resistivity     Ω     < 10²	Impact strength		. ,		
For use in hazardous locations:       C       -05 +85       EN 60079-0         Temperature range sizes 02-03       °C       -20 +85       EN 60079-0         Seneral:       °C       °C       -20 +85       EN 60079-0         Fire safety characteristics       Application approvals       -50 +95       EN 60079-0         System test       -50 +95       EN 60079-0       EN 60079-0         Please refer to Info-No. 10       Image: Comparison of the image: Compariso		kJ/m <sup>2</sup>	> 7 (-20°C)	EN 60079-0	
Temperature range sizes 02-03       °C       -05 +85       EN 60079-0         Temperature range sizes 04-08       °C       -20 +85       EN 60079-0         General:       -50 +95       EN 60079-0       EN 60079-0         Fire safety characteristics       Application approvals       -50 +95       EN 60079-0         System test       -       -       -       -         Please refer to Info-No. 10       -       -       -       -         Electrical properties       -       -       -       -       -         Specific surface resistivity       Ω       < 10 <sup>7</sup> ASTM D257       -	Thermal properties				
Temperature range sizes 04-08 General:  Fire safety characteristics Application approvals System test Please refer to Info-No. 10 Electrical properties Specific surface resistivity  Chemical properties Please refer to www.pma.ch Environmental properties RoHS and REACH compliant  Evironmental properties RoHS and REACH compliant  Evertify (UV/humidity) for black colour Content of delivery Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting Indication Assembly instructions and other relevant documents are available at	For use in hazardous locations:				
General:     -50+95       Fire safety characteristics     Application approvals       System test     -50+95       Please refer to Info-No. 10     -50+95       Electrical properties     -50+95       Specific surface resistivity     Ω       Chemical properties     -50+95       Please refer to Info-No. 10     -50+95       Electrical properties     -50+95       Please refer to surface resistivity     Ω       Chemical properties     -50+95       Please refer to www.pma.ch     -50+95       Environmental properties     -50+95       RoHS and REACH compliant     yes       Eutring resistance     -50+95       Weathering resistance     -50+95       Weathering (UV/humidity) for black colour     very good       Conduit adapter with clip (OVN2),     -50+95       Ex-System Conduit seal (NEN3)     -50+95       Mounting indication     -50+95	Temperature range sizes 02-03	°C	-05 +85	EN 60079-0	
Fire safety characteristics     Application approvals       System test     Image: Content of Monoperities       Please refer to Info-No. 10     Image: Content of Monoperities       Specific surface resistivity     Ω       Chemical properties     Image: Content of Monoperities       Please refer to www.pma.ch     Image: Content of Monoperities       Environmental properties     Image: Content of Monoperities       RoHS and REACH compliant     yes       EU Directive 2011/65/EU       EU Directive 1907/2006/EC       Weathering resistance       Weathering (UV/humidity) for black colour       Content of delivery       Conduit adapter with clip (OVN2),       Ex-System Conduit seal (NEN3)       Mounting indication       Assembly instructions and other relevant documents are available at	Temperature range sizes 04-08	°C	-20 +85	EN 60079-0	
Application approvals	General:		-50 +95		
System test Please refer to Info-No. 10 Electrical properties Specific surface resistivity Ω < 10 <sup>7</sup> ASTM D257 Chemical properties Please refer to www.pma.ch Environmental properties RoHS and REACH compliant yes EU Directive 2011/65/EU EU Directive 2011/65/EU EU Directive 1907/2006/EC Weathering resistance Weathering (UV/humidity) for black colour Content of delivery Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting indication Assembly instructions and other relevant documents are available at	Fire safety characteristics				
Please refer to Info-No. 10       Electrical properties         Specific surface resistivity       Ω       < 10 <sup>7</sup> Chemical properties       Please refer to www.pma.ch       Environmental properties         Environmental properties       Please refer to www.pma.ch       EU Directive 2011/65/EU         Environmental properties       EU Directive 2011/65/EU       EU Directive 2011/65/EU         Weathering resistance       very good       Content of delivery         Conduit adapter with clip (OVN2),       Ex-System Conduit seal (NEN3)         Mounting indication       Assembly instructions and other relevant documents are available at	Application approvals				
Electrical properties       Ω       < 10 <sup>7</sup> ASTM D257         Chemical properties            Please refer to www.pma.ch            Environmental properties            RoHS and REACH compliant       yes       EU Directive 2011/65/EU EU Directive 1907/2006/EC         Weathering resistance            Weathering (UV/humidity) for black colour       very good           Content of delivery             Conduit adapter with clip (OVN2),              Mounting indication       Assembly instructions and other relevant documents are available at	System test				
Specific surface resistivity       Ω       < 10 <sup>7</sup> ASTM D257         Chemical properties       Please refer to www.pma.ch           Environmental properties            RoHS and REACH compliant       yes       EU Directive 2011/65/EU EU Directive 1907/2006/EC         Weathering resistance            Weathering (UV/humidity) for black colour       very good          Content of delivery            Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3)            Mounting indication       Assembly instructions and other relevant documents are available at	Please refer to Info-No. 10				
Specific surface resistivity       Ω       < 10 <sup>7</sup> ASTM D257         Chemical properties       Please refer to www.pma.ch           Environmental properties            RoHS and REACH compliant       yes       EU Directive 2011/65/EU EU Directive 1907/2006/EC         Weathering resistance            Weathering (UV/humidity) for black colour       very good          Content of delivery            Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3)            Mounting indication       Assembly instructions and other relevant documents are available at	Electrical properties				
Please refer to www.pma.ch         Environmental properties         RoHS and REACH compliant         yes       EU Directive 2011/65/EU         EU Directive 1907/2006/EC         Weathering resistance         Weathering (UV/humidity) for black colour         Content of delivery         Conduit adapter with clip (OVN2),         Ex-System Conduit seal (NEN3)         Mounting indication         Assembly instructions and other relevant documents are available at	Specific surface resistivity	Ω	< 10 <sup>7</sup>	ASTM D257	
Please refer to www.pma.ch         Environmental properties         RoHS and REACH compliant         yes       EU Directive 2011/65/EU         EU Directive 1907/2006/EC         Weathering resistance         Weathering (UV/humidity) for black colour         Content of delivery         Conduit adapter with clip (OVN2),         Ex-System Conduit seal (NEN3)         Mounting indication         Assembly instructions and other relevant documents are available at	Chemical properties				
RoHS and REACH compliant       yes       EU Directive 2011/65/EU         Weathering resistance       EU Directive 1907/2006/EC         Weathering (UV/humidity) for black colour       very good         Content of delivery       conduit adapter with clip (OVN2),         Ex-System Conduit seal (NEN3)       Mounting indication         Assembly instructions and other relevant documents are available at       Image: Conduct and the relevant documents are available at	Please refer to www.pma.ch				
Weathering resistance     EU Directive 1907/2006/EC       Weathering (UV/humidity) for black colour     very good       Content of delivery     very good       Conduit adapter with clip (OVN2),     Ex-System Conduit seal (NEN3)       Mounting indication     Assembly instructions and other relevant documents are available at	Environmental properties				
Weathering resistance     very good       Weathering (UV/humidity) for black colour     very good       Content of delivery     conduit adapter with clip (OVN2),       Conduit adapter with clip (OVN2),     Ex-System Conduit seal (NEN3)       Mounting indication     conduct and other relevant documents are available at	RoHS and REACH compliant		yes		
Weathering (UV/humidity) for black colour Content of delivery Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting indication Assembly instructions and other relevant documents are available at				EO Directive 1907/2000/EC	
Content of delivery Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting indication Assembly instructions and other relevant documents are available at	Weathering resistance				
Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting indication Assembly instructions and other relevant documents are available at	Weathering (UV/humidity) for black colour		very good		
Conduit adapter with clip (OVN2), Ex-System Conduit seal (NEN3) Mounting indication Assembly instructions and other relevant documents are available at	Content of delivery				
Ex-System Conduit seal (NEN3)  Mounting indication  Assembly instructions and other relevant documents are available at			I	1	
Assembly instructions and other relevant documents are available at	Ex-System Conduit seal (NEN3)				
Assembly instructions and other relevant documents are available at	Mounting indication	1 Barno			
			F		

The specifications and instructions for our customers in this document reflect the product engineering level at the time of manufacturing. Please consider the valid data sheet release at a time. For questions please contact the PMA customer service. ABB Switzerland, PMA Cable Protection accepts no liability for damages resulting from unprofessional installation or application or misuse for a purpose. This disclaimer also includes damages to third parties. It is the customer's responsibility to check the delivered products and immediately notify ABB Switzerland, PMA Cable Protection of detected faults. It is also the customer's responsibility to the ter intended purpose. ABB Switzerland, PMA Cable Protection, unit accept no liability or responsibility for their products if a product or a PMA system is combined or used together with third-party products, in a products from other companies than ABB Switzerland, PMA Cable Protection. Jurisdiction in all legal disputes concerning product liability have the courts of the canton of Zurich/Switzerland. Switzerland, PMA Cable Protection and the newest data sheet releases go to: www.pma.ch



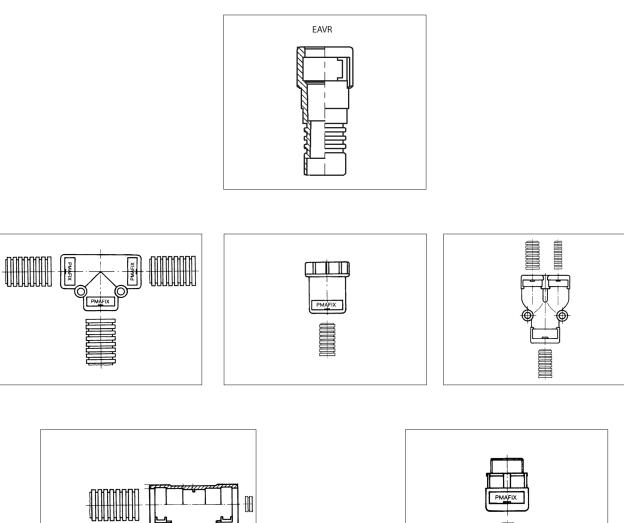
Conduit Adapter IP68



## BEAVR PMA Ex eb Non Metallic System

Possible combinations with PMA Ex eb Non Metallic System conduit adapters

These conduit adapters offer unlimited possibilities in connection with the PMA Ex-System.



Conduit Adapter