



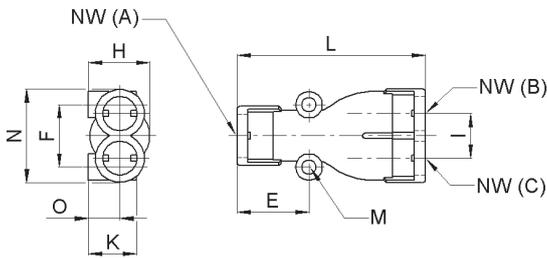
Y Piece  
IP68



# BEYR

## PMA Ex eb and Ex tb Non Metallic System

Dimensions



### Features

- 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 conduit size			dimensions in mm (nom.)									weight kg/100 pcs	packing unit PU/pcs
	NW A	NW B	NW C	L	N	H	I	O	F	K	E	M		
BEYR030202	12	10	10	69	39	24	19	12	24	18	27	2xM4	1.9	1
BEYR040303	17	12	12	80	46	30	22	15	32	22	34	2xM5	2.8	1
BEYR050404	23	17	17	98	60	38	30	19	42	29	38	2xM6	5.1	1
BEYR060505	29	23	23	109	74	45	37	23	48	33	37	2xM6	8.0	1
BEYR070606	36	29	29	130	87	54	43	27	58	36	50	2xM6	11.6	10
BEYR080707	48	36	36	144	103	68	50	34	70	48	50	2xM6	15.7	10

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



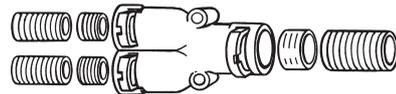
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properties	unit	value	test method
<b>Mechanical properties</b>			
Stress-E-module	N/mm2	350	ISO 527
Tensile strength	N/mm2	35	ISO 527
Notched bar impact test	kJ/m2	9 (-30°C)	ISO 179/2-1eA
Impact strength	kJ/m2	> 7 (85°C)	EN 60079-0
	kJ/m2	> 7 (-20°C)	EN 60079-0
<b>Thermal properties</b>			
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	
Fire safety characteristics			
Application approvals			
System test			
Please refer to <a href="#">Info-No. 10</a>			
<b>Electrical properties</b>			
Specific surface resistivity	Ω	< 10 <sup>7</sup>	ASTM D257
<b>Chemical properties</b>			
Please refer to <a href="http://www.pma.ch">www.pma.ch</a>			
<b>Environmental properties</b>			
RoHS and REACH compliant		yes	EU Directive 2011/65/EU EU Directive 1907/2006/EC
<b>Weathering resistance</b>			
Weathering (UV/humidity) for black colour		very good	
<b>Content of delivery</b>			
Y piece with clips (OVN2), Ex-System conduit seals (NEN3)			
<b>Mounting indication</b>			
<a href="#">Assembly instructions</a> and other relevant documents are available at <a href="http://www.pma.ch">www.pma.ch</a> .			



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 test the delivered product on its applicability for the intended purpose. ABB Switzerland, PMA Cable Protection will accept no liability or responsibility for their products if a product or a PMA system is combined or used together with third-party products, i.e. 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. Swiss law applies.  
For more information and the newest data sheet releases go to: [www.pma.ch](http://www.pma.ch)