



## Connector

straight with metal thread

IP68

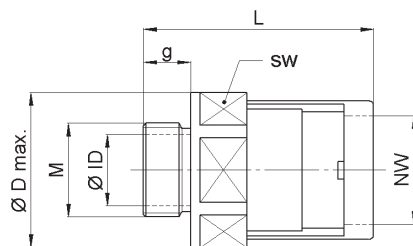
metric



## NENV

## PMA Ex eb and Ex tb Non Metallic System

Dimensions



## Features

- Made of dissipative PA12, with nickel-plated brass thread
- Prevents electrostatic charging
- For indoor and outdoor applications
- High thread and system connection strengths
- Corrosion resistant
- Easy installation
- Very good chemical properties
- Zone 1,2, 21 & 22



## Certification &amp; 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.	thread size	conduit size	dimensions in mm (nom.)					weight	packing unit
black	metric	NW	g	Ø ID	Ø D max.	L	sw	kg/100 pcs	PU/pcs
NENV0202	M12x1.5	10	10.0	5.5	21.0	40.0	19	1.4	10
NENV0203	M16x1.5	10	10.0	9.5	24.0	40.0	19	1.8	10
NENV0303	M16x1.5	12	10.0	9.5	26.0	43.0	24	2.0	10
NENV0304	M20x1.5	12	10.0	13.5	28.0	43.0	24	2.5	10
NENV0404	M20x1.5	17	10.0	13.5	33.0	51.0	30	3.1	10
NENV0405	M25x1.5	17	11.0	18.0	35.0	52.0	30	3.7	10
NENV0505	M25x1.5	23	11.0	18.5	39.0	54.0	36	4.2	10
NENV0506	M32x1.5	23	13.0	24.0	43.0	56.0	36	5.5	10
NENV0606	M32x1.5	29	13.0	25.0	50.0	57.3	46	6.2	10
NENV0607	M40x1.5	29	13.0	31.5	53.0	57.3	46	9.2	10
NENV0707	M40x1.5	36	13.0	32.5	59.0	71.4	55	10.9	10
NENV0708	M50x1.5	36	14.0	39.5	65.0	72.4	55	15.1	10
NENV0808	M50x1.5	48	14.0	41.5	71.0	72.4	65	16.9	10
NENV0809	M63x1.5	48	14.0	51.5	75.0	72.4	65	16.5	10

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



Connector

straight with metal threadIP68metric



NENV

PMA Ex eb and Ex tb Non Metallic System

properties	unit	value	test method
Mechanical properties			
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
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	
Fire safety characteristics			
Application approvals			
System test			
Please refer to <a href="#">Info-No. 10</a>			
Electrical properties			
Specific surface resistivity	Ω	< 10 <sup>7</sup>	ASTM D257
Chemical properties			
Please refer to catalogue			
PMA Ex-System or <a href="#">www.pma.ch</a>			
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			
Connector with retaining clip (OVN2), O-ring (OR), thread gasket (SVN4), Ex-System conduit seal (NEN3)			
Mounting indication			
On thread side an O-ring (OR) or a flat gasket (SVN4) can be used			
<a href="#">Assembly instructions</a> and other relevant documents are available at <a href="#">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](#)