



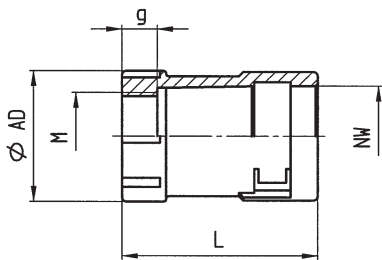
Female Connector
straight with metal threadIP68metric



NEIR

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 & 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	d	Ø D max.	L	sw	kg/100 pcs	PU/pcs
NEIR0303	M16x1.5	12	9.0	13.5	24.0	41.0	22	1.3	10
NEIR0404	M20x1.5	17	10.0	18.0	30.0	50.0	27	2.7	10
NEIR0505	M25x1.5	23	10.0	23.0	37.0	56.0	34	3.9	10
NEIR0606	M32x1.5	29	11.0	30.0	45.0	59.0	41	5.1	10
NEIR0707	M40x1.5	36	13.0	38.0	55.0	71.0	50	8.6	10
NEIR0808	M50x1.5	48	15.0	48.0	66.0	73.0	60	16.2	10

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

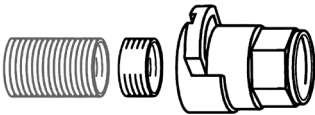


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properties	unit	value	test method
Mechanical properties			
Stress-E-module	N/mm2	350	ISO 527
Tensile strength	N/mm2	35	ISO 527
Notched bar impact test	kJ/m2	9 (-30°C)	ISO 179/2-1eA
Impact strength	kJ/m2	> 7 (85°C)	EN 60079-0
	kJ/m2	> 7 (- 20°C)	EN 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 Info-No. 10			
Electrical properties			
Specific surface resistivity	Ω	< 10 ⁷	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			
Connector with clip, Ex-System conduit seal (NEN3)			
Mounting indication			
On the thread/connection side appropriate, conductive sealants must be used for ingress protection ratings IP67 or IP68. For non-conductive sealants additional earthing measures has to be taken in account. Assembly instructions and other relevant documents are available at www.pma.ch .			



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](#)