
 TECHNICAL DATA SHEET

PMA Smart Line - ALND-M - Fitting

Straight, one-piece, metric short-thread

PMA



One-piece, IP66 polyamide fitting for flexible non-metallic conduit



Applications:

- In machine building, installation and construction industries

Features & Benefits:

- Economical
- Easy „push-in“ installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Fits both conduit profiles - fine (T) and coarse (G)

Ingress protection:

- IP66 (EN/IEC 60529)

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

- PMAFLEX Pro Conduits
- PMAFLEX Multilayer Conduits
- PMAFLEX Conduits
- PMA Smart Line Conduits

Weathering resistance:

- Very good UV resistance and weathering characteristics, particularly in black

Colour:

- Black
- Grey

Chemical properties:

- Please refer to www.pma.ch (Technical Information / Chemical Resistance)

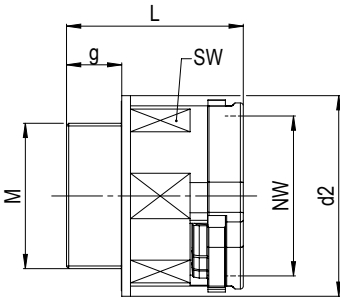
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Thread size	Conduit size	Dimensions in mm (nom.)				Weight	Packing unit
			g	L	d2	SW		
black	metric	NW	g	L	d2	SW	kg/100 pcs	pcs/PU
ALND-M200-8	M20x1.5	10	8.0	31.0	26.0	16	0.6	100
ALND-M202-8	M20x1.5	12	8.0	35.0	25.0	19	0.6	100
ALND-M207-8	M20x1.5	17	8.0	38.0	31.0	24	0.7	100
ALND-M257-8	M25x1.5	17	8.0	38.0	31.0	24	0.9	100
ALND-M323-10	M32x1.5	23	10.0	43.5	39.0	32	1.3	50
ALND-M329-10	M32x1.5	29	10.0	45.5	46.0	38	1.7	30
ALND-M409-10	M40x1.5	29	10.0	45.5	46.0	38	2.3	30

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	1'200 ... 3'700 N/mm ²		ISO 527
Tensile strength	45 ... 65 N/mm ²		ISO 527
Notched bar impact test	4 ... 20 kJ/m ²		ISO 180/1C

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	- 50 ... + 105 °C		PMA DO 9.21-4510
Upper application temperature	+ 120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+ 160 °C	(168 h)	PMA DO 9.21-4360

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	non flame-propagating		IEC EN 61386-1
Flame class	V2		UL 94

Content of delivery:

- Fitting

Assembly instructions:

- When mounting, push-in conduit completely and then pull back slightly to ensure the locking mechanism is fully engaged
- To Disassembly: reopen with screwdriver and tiwst for easy release
- Please consider the appropriate assembly instructions on www.pma.ch

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