

PMA Divisible System

Repairs without disconnecting cables

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PMA Divisible System

General technical details

One-piece Divisible System. The ideal solution for repairs, retrofit and pre-loomed applications. Equally all PMA conduits are compatible.

PMA offers a divisible system based upon PMA standard nominal widths.

This allows free combination of the PACOF and PPCOF divisible conduits with PMAFIX Pro, PMAFIX and PMA Smart Line fittings. Using the PMA Divisible System Fittings repairs can be easily made to existing installations without disconnecting cables. Equally all PMA conduits – also slit – are compatible with the fittings of the divisible system.

Material

- Conduits made from spec. formulated PA 6 and Polypropylene
- Fittings made from specially formulated polyamide 6
- Colour: Black
- Free from halogens, REACH + RoHS compliant
- Temperature range:
Conduits: $-40\text{ }^{\circ}\text{C}$ to $+160\text{ }^{\circ}\text{C}$
Connectors: $-40\text{ }^{\circ}\text{C}$ to min. $+100\text{ }^{\circ}\text{C}$

Characteristics

- Fast installation
- Conduit can be installed in fitting prior to closing the fitting
- High impact resistance
- High conduit pull-out strength
- Fits conduit profiles – fine (T) and coarse (G)

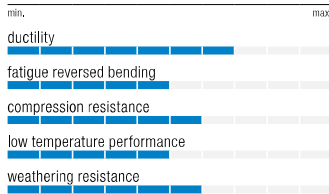


PMA Divisible System Conduits



PACOF

PACOF-Index



PACOF

flexible, divisible

- For machine building and plant construction
- For trouble-free retrofitting and applicable for repairs

Order No. black	Conduit size NW	metric	Inside Ø	Outside Ø	Stat. radius	PU meter
PACOF-07B	07	10	5,6 mm	10,0 mm	30 mm	50
PACOF-10B	10	12	8,5 mm	12,8 mm	33 mm	50
PACOF-12B	12	16	11,0 mm	15,6 mm	35 mm	50
PACOF-17B	17	20	15,5 mm	21,1 mm	45 mm	50
PACOF-23B	23	25	22,1 mm	28,4 mm	70 mm	50
PACOF-29B	29	32	27,2 mm	34,5 mm	120 mm	50
PACOF-36B	36	40	32,0 mm	42,4 mm	145 mm	30
PACOF-48B	48	50	43,9 mm	54,1 mm	150 mm	30
PACOF-70B	70	80	62,0 mm	79,0 mm	190 mm	10

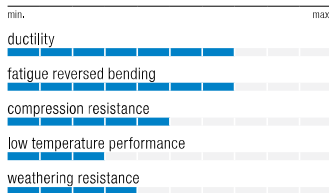
- Specially modified polyamide 6
- Can be opened and closed again in longitudinal direction any time
- Good ductility
- Good compression resistance
- Free from halogens, REACH + RoHS compliant
- Temperature range: -40 °C to +105 °C, short-term to +160 °C
- IP50

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PPCOF

PPCOF-Index



PPCOF

flexible, divisible

- For machine building and plant construction
- For trouble-free retrofitting and applicable for repairs

Order No. black	Conduit size NW	metric	Inside Ø	Outside Ø	Stat. radius	PU meter
PPCOF-07B	07	10	5,6 mm	10,0 mm	25 mm	50
PPCOF-10B	10	12	8,5 mm	12,8 mm	28 mm	50
PPCOF-12B	12	16	11,0 mm	15,6 mm	35 mm	50
PPCOF-17B	17	20	15,1 mm	21,1 mm	45 mm	50
PPCOF-23B	23	25	22,1 mm	28,4 mm	60 mm	50
PPCOF-29B	29	32	26,6 mm	34,5 mm	100 mm	50
PPCOF-36B	36	40	31,8 mm	42,4 mm	120 mm	30
PPCOF-48B	48	50	43,9 mm	54,1 mm	140 mm	30
PPCOF-70B	70	80	60,5 mm	78,0 mm	200 mm	10

- Specially modified polypropylene PP
- Can be opened and closed again in longitudinal direction any time
- Good reversed bending resistance
- Temperature range: -20 °C to +105 °C, short-term to +150 °C
- IP50

PMA Divisible System

Connectors, lock nuts



LNO, patent

LNO

Divisible connector straight, one-piece, metric thread

- Compatible with PMA standard, slit and divisible conduits with standard nominal widths
- In industries, plant construction, machine building as well as in house and electrical installations
- For retrofit installation or repair

Order No. black, IP54	Thread metric	Fits to conduit size NW metric		Thread length	Overall length
BLNO-M160	M16 x 1,5	10	12	13,0 mm	37,5 mm
BLNO-M162	M16 x 1,5	12	16	13,0 mm	39,5 mm
BLNO-M202	M20 x 1,5	12	16	13,0 mm	39,5 mm
BLNO-M207	M20 x 1,5	17	20	13,0 mm	43,5 mm
BLNO-M257	M25 x 1,5	17	20	14,0 mm	44,5 mm
BLNO-M253	M25 x 1,5	23	25	14,0 mm	52,5 mm
BLNO-M323	M32 x 1,5	23	25	17,0 mm	56,0 mm
BLNO-M329	M32 x 1,5	29	32	17,0 mm	61,0 mm
BLNO-M409	M40 x 1,5	29	32	21,0 mm	65,0 mm
BLNO-M406	M40 x 1,5	36	40	22,0 mm	74,5 mm
BLNO-M508	M50 x 1,5	48	50	22,0 mm	80,5 mm

- IP54
- Special: Push-in installation of conduit into pre-installed fitting also possible



LN

LN

Divisible lock nut, metric thread

- Compatible with divisible PMA connectors, type BLNO
- For retrofit installation or repair

Order No. black	Thread metric	Fits with divisible connector		Outside ∅	Width
BLN-M16	M16 x 1,5	BLNO-M160	BLNO-M162	21,5 mm	8,0 mm
BLN-M20	M20 x 1,5	BLNO-M202	BLNO-M207	29,0 mm	8,0 mm
BLN-M25	M25 x 1,5	BLNO-M257	BLNO-M253	35,5 mm	9,0 mm
BLN-M32	M32 x 1,5	BLNO-M323	BLNO-M329	44,5 mm	12,0 mm
BLN-M40	M40 x 1,5	BLNO-M409	BLNO-M406	53,5 mm	15,0 mm
BLN-M50	M50 x 1,5	BLNO-M508		69,5 mm	15,0 mm

- Temperature range: –40 °C to +100 °C, short-term: +130 °C

PMA Divisible System

T, Y pieces



LTO, patent

LTO

Divisible T piece, one-piece

- Compatible with PMA standard, slit and divisible conduits with standard nominal widths
- In industries, plant construction, machine building as well as in house and electrical installations
- For retrofit installation or repair

Order No. black, IP40	3x conduit sizes	
	NW	metric
BLTO-070707	07	10
BLTO-101010	10	12
BLTO-121212	12	16
BLTO-171717	17	20
BLTO-232323	23	25
BLTO-292929	29	32

- IP40
- Conduit can be installed in fitting prior to closing the fitting



LYO

LYO

Divisible Y piece, one-piece

- Compatible with PMA standard, slit and divisible conduits with standard nominal widths
- In industries, plant construction, machine building as well as in house and electrical installations
- For retrofit installation or repair

Order No. black, IP40	1x conduit size		2x conduit sizes	
	NW	metric	NW	metric
BLYO-100707	10	12	07	10
BLYO-121010	12	16	10	12
BLYO-171212	17	20	12	16
BLYO-231717	23	25	17	20
BLYO-292917	17	20	29	32

- IP40
- Conduit can be installed in fitting prior to closing the fitting

