

# Exepd Ex d IIC multifunction-cable glands Type PMX

## Technical data:

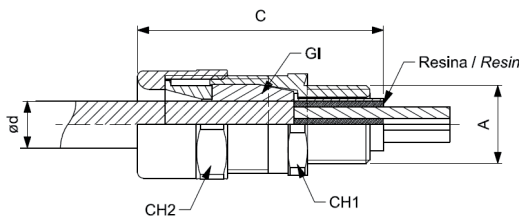
Material:	Nickel plated brass or stainless steel
Gasket:	EPDM
Thread:	Metric or NPT
Certifikat:	INERIS 10 ATEX 029X IECEX INE 14.0003X
Ex-protection:	II 2G Ex d IIC Gb II 2G Ex e IIC Gb II 2D Ex tb IIIC Db
IP rate:	IP66
Tamb.:	-40°C... +100°C
sealed:	-20°C... +80°C

## Description

The cable gland Type **PMX** can be used without sealing as well as barrier cable glands. Taking in account the latest revision of EN60079-14, it is possible, under certain conditions, to connect cables to flameproof boxes without sealing.

The multi-function cable gland Type **PMX** is certified as a device and can be used with or without sealing. Without, only if the used cable meets the requirements of 9.3.2 of the standard with a length of at least 3 m. Each cable entry type **PMX** is delivered with a sealing-sleeve. Therefore it is possible to seal the cables at any time with resin, especially if the cable is shorter than 3 m, or if the cable detection is missing.

The cable glands Type **PMX** are available in nickel plated brass as well as in stainless steel with metric and NPT thread.



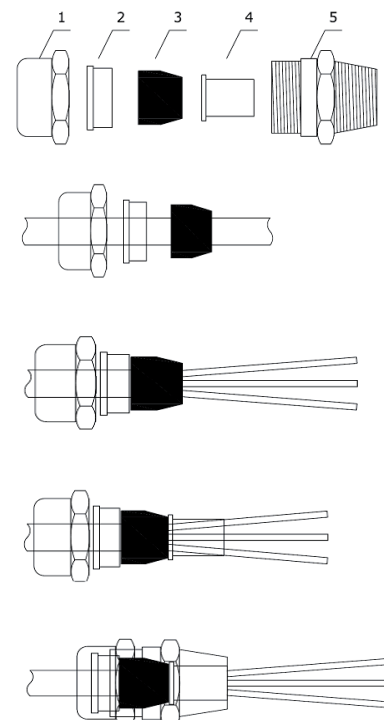
metric thread	article number brass	Length C in mm	size CH1/CH2 in mm	clamping diameter Ø in mm	NPT thread	article number brass
M 20x1,5	<b>106122</b>	63	26/28	4 - 12	1/2"	<b>106111</b>
M 25x1,5	<b>106123</b>	63	31/34	9 - 17	3/4"	<b>106112</b>
M 32x1,5	<b>106124</b>	78	42/45	14 - 23	1"	<b>106113</b>
M 40x1,5	<b>106125</b>	78	46/48	20 - 29	1 1/4"	<b>106114</b>
M 50x1,5	<b>106126</b>	79	56/58	20 - 35	1 1/2"	<b>106115</b>
M 63x1,5	<b>106127</b>	79	65/68	35 - 45	2"	<b>106116</b>

An assembling video you'll find under  
<http://www.exepd.de/Multifunktions-Kabeleinfuehrung.html>



## Assembling instruction

1. Cable preparation (remove the outer insulation, to have the single wires in the required length)
2. Install the compression nut (1), pressure ring (2) and gasket 3) to the cable. The end of the gasket must be congruently with the end of the cutted outer insulation of the cable.
3. Put the sealing-sleeve (4) over the single wires.
4. Assemble the parts together with the threaded bushing (5) to a complete cable gland and clamp the cable.
5. Connect cable entry vertically with single wires upwards.
6. Fill the sealing-sleeve with the certified sealing resing only. Please pay attention that the resin also passes between the individual cores. Wait till the resin gets hard, before assembling the cable gland to the box.



## Accessories:

- Tool (Exepd Art.-No.: 102162)
- Mixer (Exepd Art.-No.: 102165)
- Sealing resin (Exepd Art.-No.: 102164)