

# PROPORTIONAL PRESSURE REGULATOR

## SERIES PME

Two sizes available: PME1 and PME2  
Ports G1/8 - G1/4 - G3/8 - 1/4NPTF



- Manifold version
- Integrated exhaust valve version
- Modular with Series MD
- Configuration APP that uses NFC technology
- Compact and essential
- Compatible with oxygen
- Serial version in CANopen

The Series PME proportional pressure regulator is the ideal solution for industrial applications that require accurate pressure control. This new pressure regulator offers a high pneumatic performance, despite having its weight and dimensions reduced to a minimum to allow greater flexibility in its use.

Series PME is available in two sizes and versions.

One version has an integrated exhaust valve that allows the system to discharge even in the absence of power.

The second is a manifold version, ideal for controlling several outlets with only a single air inlet.

A new CANopen serial version is also available.

Ideal for controlling multiple controllers on a single fieldbus and for applications that need to operate within a wide supply voltage range (12÷24 V DC).

### General Data

|                                            |                                                                                                                                                                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard of reference                      | CE                                                                                                                                                                                                                        |
| Controlled quantity                        | Pressure                                                                                                                                                                                                                  |
| Number of ways                             | 3                                                                                                                                                                                                                         |
| Flow (Qn)                                  | PME104 - 1100 NL/min PME238 - 4600 NL/min                                                                                                                                                                                 |
| Fluid                                      | Filtered and non-lubricated compressed air of class [7:4:4] according to ISO 8573.1. Inert gases and oxygen                                                                                                               |
| Min. and max. regulated pressure [bar]     | 0,05 - 10,3 bar (0,72-150 PSI)(D) 0,05 - 6 bar (0,72-87 PSI)(F)<br>0,05 - 7 bar (0,72-101,5 PSI) (G)                                                                                                                      |
| Maximum inlet pressure                     | 11 bar (D); (G) ed (F)                                                                                                                                                                                                    |
| Resolution (% FS)                          | 0,3 (Size 1) 0,6 (Size 2)                                                                                                                                                                                                 |
| Fluid temperature (min and max °C)         | 0 - 50 °C                                                                                                                                                                                                                 |
| Environmental temperature (min and max °C) | 0 - 50 °C                                                                                                                                                                                                                 |
| Pneumatic ports                            | G1/8 - G1/4 - G3/8 - 1/4 NPTF                                                                                                                                                                                             |
| Materials                                  | Body: aluminium - cover: technopolymer - seals: NBR or FKM                                                                                                                                                                |
| Supply voltage (V)                         | 12 ÷ 24 V DC (only for CANopen version)                                                                                                                                                                                   |
| Command signal                             | 0-10V (2); 4-20 mA (4); CANopen (C)                                                                                                                                                                                       |
| Hysteresis (% FS)                          | 0,5% (Size 1) 0,7% (Size 2)                                                                                                                                                                                               |
| Power consumption                          | From minimum 110 to maximum 200 mA (see further details in the product manual)                                                                                                                                            |
| Type of electrical connection              | M12 5 Pin Male                                                                                                                                                                                                            |
| IP protection class                        | IP65                                                                                                                                                                                                                      |
| Repeatability (% FS)                       | 0,4                                                                                                                                                                                                                       |
| Linearity (% FS)                           | 0,4                                                                                                                                                                                                                       |
| Modularity                                 | With Series MD                                                                                                                                                                                                            |
| App for mobile device                      | NFCamApp (Android, iOS)                                                                                                                                                                                                   |
| CANopen Profile                            | CIA 301 and CIA 408 (using serial communication a multitude of feedback information is available, like the set pressure value or the communication errors, that are not present on the other versions of the Series PME). |

## PROPORTIONAL PRESSURE REGULATOR

### SERIES PME - CODING EXAMPLES

#### Coding Examples

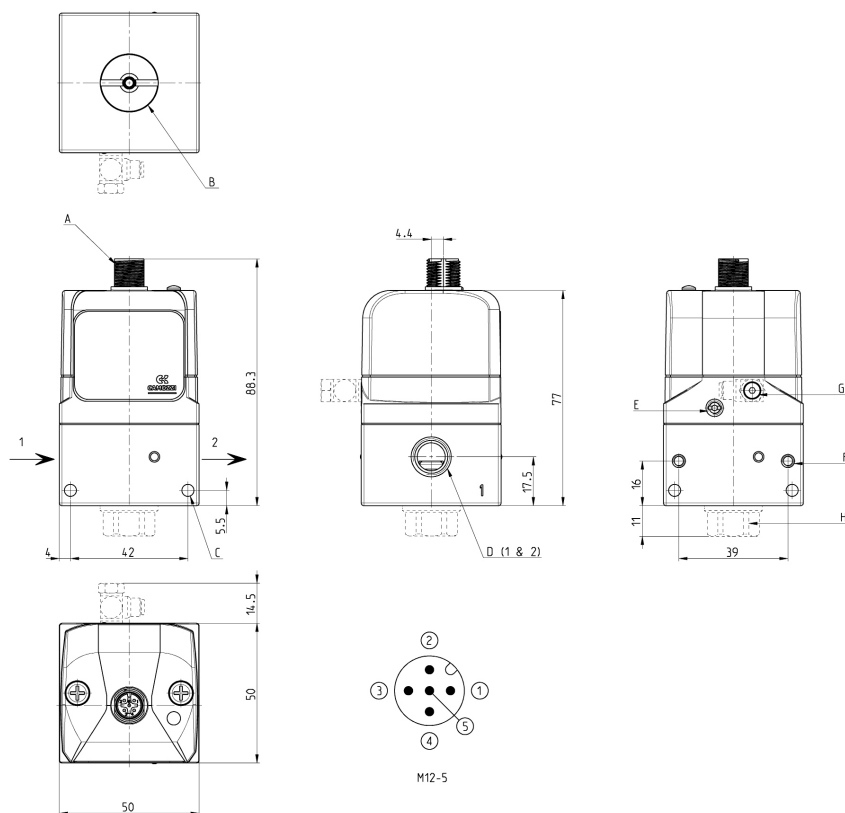
|     |   |    |   |   |   |   |   |   |   |   |    |
|-----|---|----|---|---|---|---|---|---|---|---|----|
| PME | 1 | 04 | - | E | D | 5 | I | 2 | E | - | 00 |
|-----|---|----|---|---|---|---|---|---|---|---|----|

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PME</b> | SERIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>1</b>   | SIZE<br>1 = Size 1<br>2 = Size 2                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>04</b>  | CONNECTION PORT<br>04 = G1/4<br>38 = G3/8 (only size 2)<br>M4 = G1/4 Manifold<br>14 = NPTF 1/4 (only size 1)<br>N4 = 1/4 NPTF Manifold<br>08 = G1/8 (only size 1)<br>M8 = G1/8 Manifold (only size 1)                                                                                                                                                                                                                                                                                    |
| <b>E</b>   | DIAGNOSTICS<br>E = Without WiFi No Diagnostics                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>D</b>   | WORKING PRESSURE<br>F = 0-6 bar (standard for OX1 version with internal servo-pilot supply)<br>G = 0-7 bar (OX1 versions only with external servo-pilot supply with air)<br>D = 0-10,3 bar (OX1 versions only with external servo-pilot supply with air)                                                                                                                                                                                                                                 |
| <b>5</b>   | VALVE FUNCTION<br>5 = Standard, 3-way NC version. Size 1 and 2 with port 3 and pilot exhaust not conveyable.<br>6 = Version with integrated exhaust valve (maximum working pressure F or G). Size 1 and 2 with port 3 and pilot exhaust not conveyable.<br>7 = Standard, 3-way NC version. Size 1 and 2 with port 3 and pilot exhaust conveyable.<br>8 = Version with integrated exhaust valve (maximum working pressure F or G). Size 1 and 2 with port 3 and pilot exhaust conveyable. |
| <b>I</b>   | PILOT SUPPLY<br>I = Internal<br>E = External                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>2</b>   | COMMAND SIGNAL<br>2 = 0-10V<br>4 = 4-20mA<br>C = CANopen                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>E</b>   | FEEDBACK DIGITAL OUTPUT SIGNAL<br>N = without digital output (only with CANopen version)<br>E = error (only with input signal 2,4)<br>P = pressure switch (only with input signal 2,4)<br>W = pressure switch with "window" function (only with input signal 2,4)                                                                                                                                                                                                                        |
| <b>00</b>  | CABLE LENGTH<br>00 = No cable<br>2F = 2mt 5 pin straight unshielded<br>2R = 2mt 5 pin 90° cable unshielded<br>5F = 5mt 5 pin straight unshielded<br>5R = 5mt 5 pin 90° cable unshielded<br>2R3 = 2 mt 90° cable, 3 wires (*) unshielded<br>5R3 = 2 mt 90° cable, 3 wires (*) unshielded<br>2FC = 2mt 5 pin straight shielded<br>2RC = 2mt 5 pin 90° cable shielded<br>5FC = 5mt 5 pin straight shielded<br>5RC = 5mt 5 pin 90° cable shielded                                            |
| <b>OX1</b> | USE WITH OXYGEN:<br>= Not suitable for use with oxygen<br>OX1 = for use with oxygen - cleanliness level according to ASTM G93-03 Standard Level E                                                                                                                                                                                                                                                                                                                                        |
|            | Version suitable to be used with oxygen.<br>With a working pressure of Max 6 Bar, available both with internal and external pilot supply; with all other versions only with external pilot supply.                                                                                                                                                                                                                                                                                       |

(\*) in the cable versions with 3 wires, only pins 1 (24 VDC), 4 (GND) and 3 (IN +) are available. On the other hand, pin 5 (Dout) is not available.

# PROPORTIONAL PRESSURE REGULATOR SERIES PME - DIMENSIONAL CHARACTERISTICS

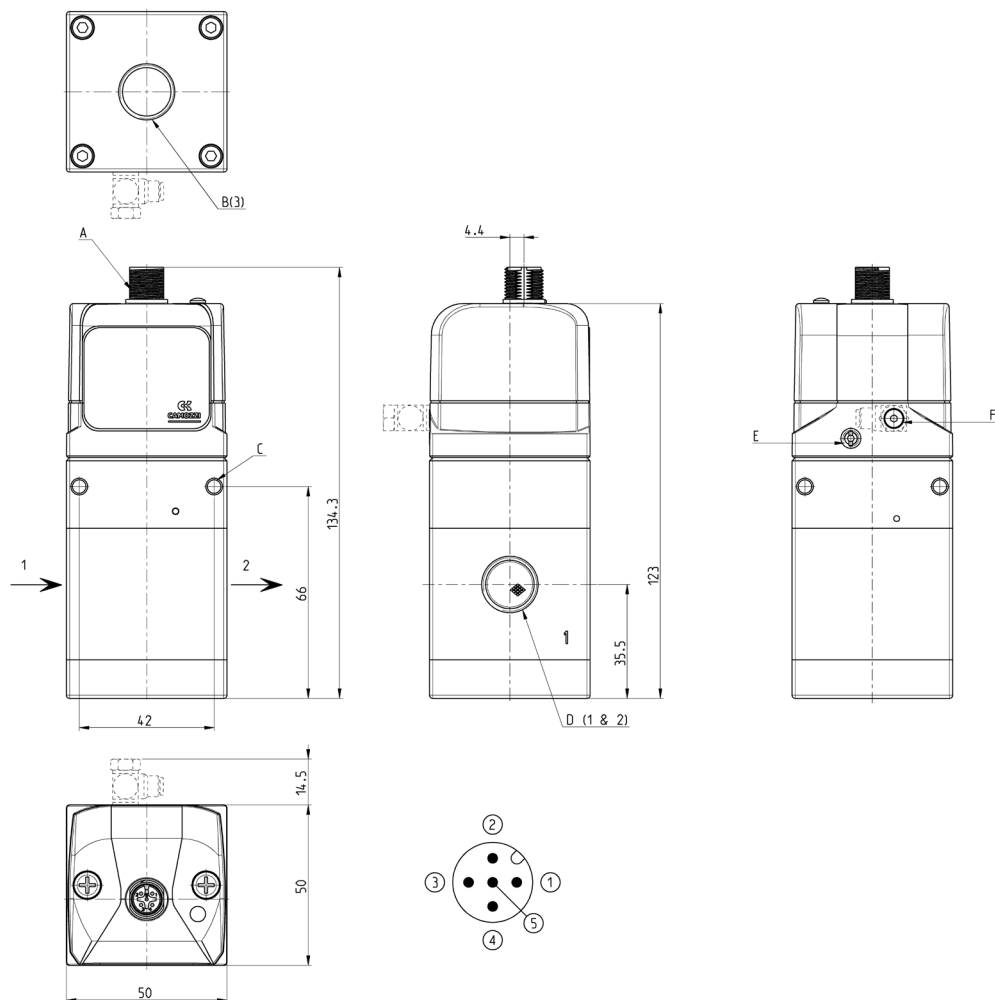
## SERIES PME SIZE 1



| Mod.              | A                                    | B (3)                              | C                 | D (1 & 2)                      | E                       | F               | G                          | H (3)                      | Symbols |
|-------------------|--------------------------------------|------------------------------------|-------------------|--------------------------------|-------------------------|-----------------|----------------------------|----------------------------|---------|
| PME104-Ex5Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (5) | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | Internal pilot supply      | Absent                     | RE01    |
| PME104-Ex7Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (7)     | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | Internal pilot supply      | Exhaust regulator G1/4 (7) | RE05    |
| PME104-Ex6Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (6) | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | Internal pilot supply      | Absent                     | RE03    |
| PME104-Ex8Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (8)     | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | Internal pilot supply      | Exhaust regulator G1/4 (8) | RE07    |
| PME104-Ex5Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (5) | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | External pilot supply (M5) | Absent                     | RE02    |
| PME104-Ex7Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (7)     | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | External pilot supply (M5) | Exhaust regulator G1/4 (7) | RE06    |
| PME104-Ex6Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (6) | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | External pilot supply (M5) | Absent                     | RE04    |
| PME104-Ex8Exxx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (8)     | Fixing holes Ø4,3 | Ports G1/8 o G1/4 (GAS o NPTF) | Exhaust solenoid valves | Fixing holes M4 | External pilot supply (M5) | Exhaust regulator G1/4 (8) | RE08    |

**PROPORTIONAL PRESSURE REGULATOR**  
**SERIES PME - DIMENSIONAL CHARACTERISTICS**

**SERIES PME SIZE 2**

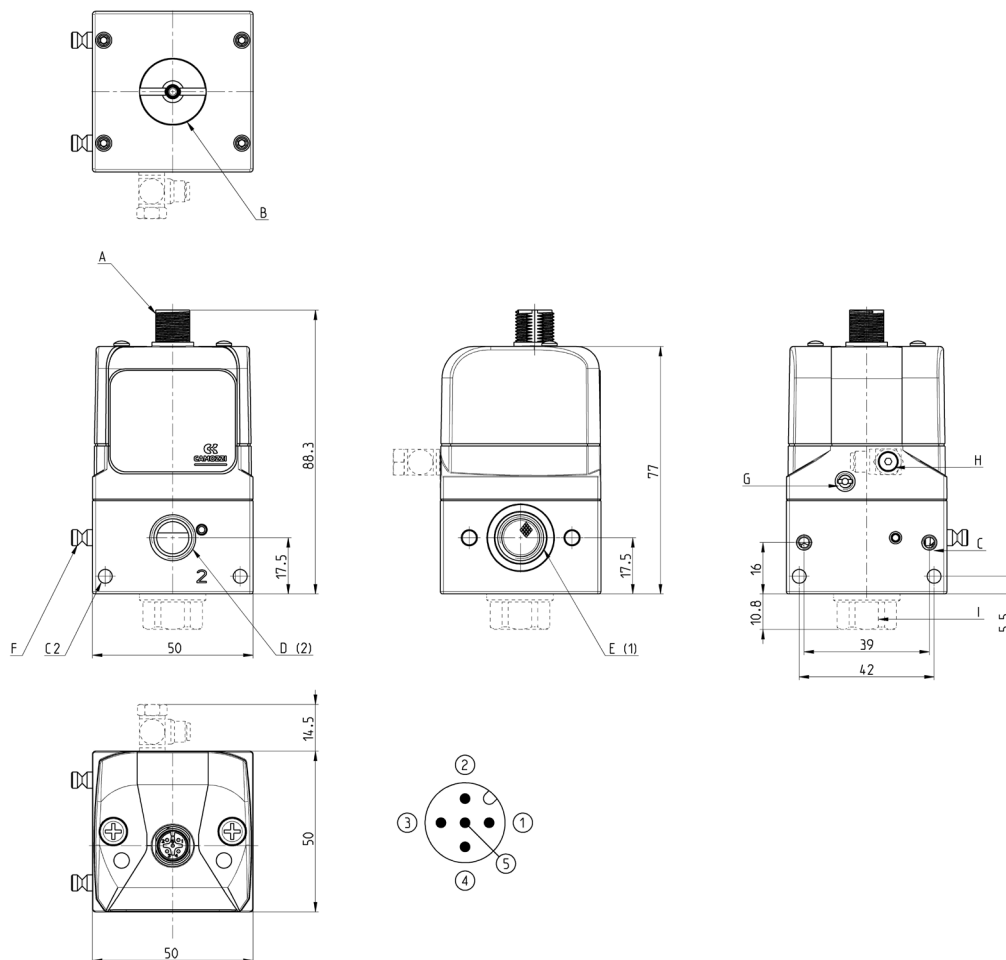


| Mod.             | A                                    | B (3)                  | C                 | D (1 & 2)          | E                       | F                          | Symbols |
|------------------|--------------------------------------|------------------------|-------------------|--------------------|-------------------------|----------------------------|---------|
| PME2xx-Ex5Ixx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Ports G3/8 or G1/4 | Exhaust solenoid valves | Internal pilot supply      | RE01    |
| PME2xx-Ex6Ixx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Ports G3/8 or G1/4 | Exhaust solenoid valves | Internal pilot supply      | RE03    |
| PME2xx-Ex5Exx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Ports G3/8 or G1/4 | Exhaust solenoid valves | External pilot supply (M5) | RE02    |
| PME2xx-Ex6Exx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Ports G3/8 or G1/4 | Exhaust solenoid valves | External pilot supply (M5) | RE04    |

# PROPORTIONAL PRESSURE REGULATOR SERIES PME - DIMENSIONAL CHARACTERISTICS

## SERIES PME SIZE 1 MANIFOLD

The fixing pins of the Manifold version are always included.



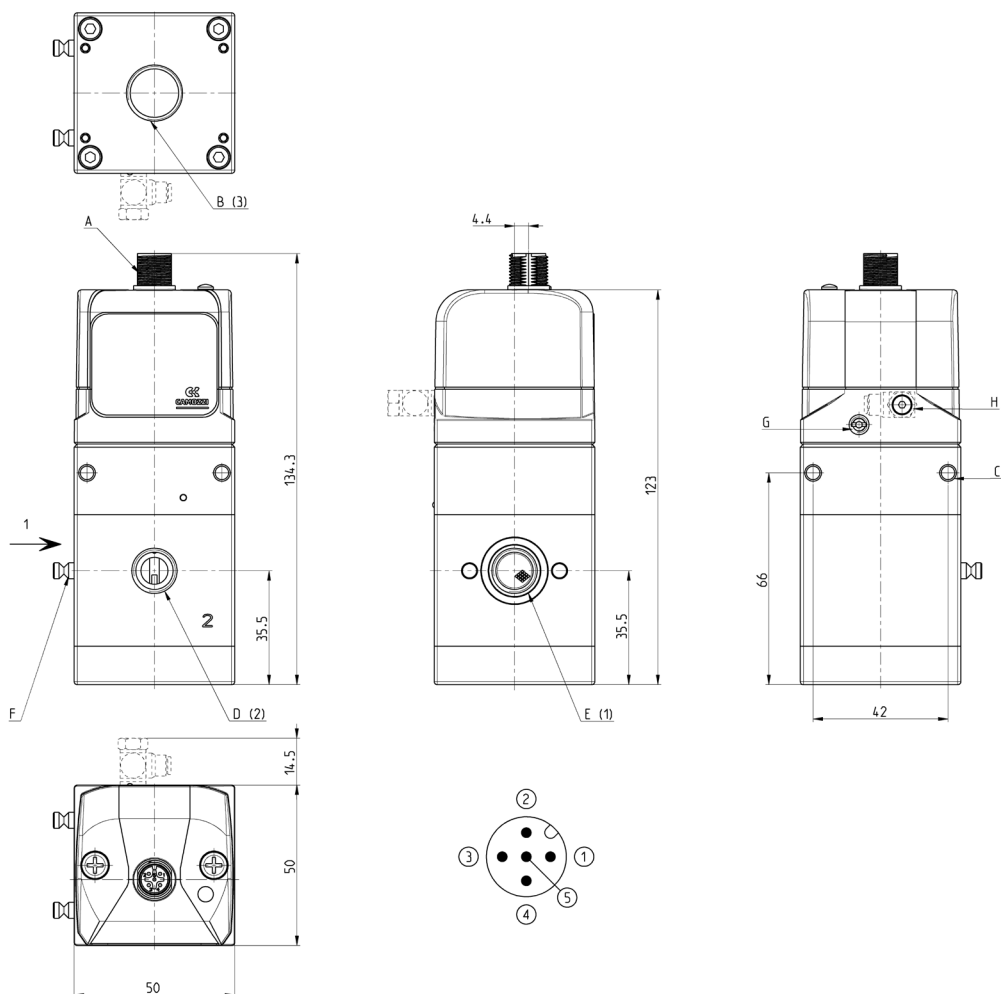
PROPORTIONAL TECHNOLOGY

8

| Mod.             | A                                    | B (3)                              | C                 | D (2)      | E (1)              | F               | G                       | H                          | I (3)            | Symbols |
|------------------|--------------------------------------|------------------------------------|-------------------|------------|--------------------|-----------------|-------------------------|----------------------------|------------------|---------|
| PME1M4-Ex51xx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (5) | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | Internal pilot supply      | Absent (5)       | RE09    |
| PME1M4-Ex61xx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (6) | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | Internal pilot supply      | Absent (6)       | RE11    |
| PME1M4-Ex71xx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (7)     | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | Internal pilot supply      | Exhaust (7) G1/4 | RE13    |
| PME1M4-Ex81xx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (8)     | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | Internal pilot supply      | Exhaust (8) G1/4 | RE15    |
| PME1M4-Ex5Exx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (5) | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | External pilot supply (M5) | Absent (5)       | RE10    |
| PME1M4-Ex6Exx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator NOT conveyed (6) | Fixing holes Ø4,3 | Port G1/4  | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | External pilot supply (M5) | Absent (6)       | RE12    |
| PME1M4-Ex7Exx-xx | Electrical connection M12 5 Pin Male | Exhaust regulator conveyed (7)     | Fixing holes Ø4,3 | Port G 1/4 | Ports G1/8 or G1/4 | Connection plug | Exhaust solenoid valves | External pilot supply (M5) | Exhaust (7) G1/4 | RE14    |

## SERIES PME SIZE 2 MANIFOLD

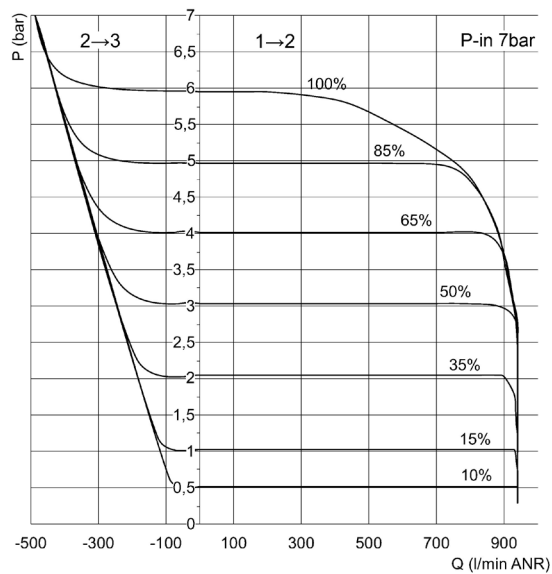
The fixing pins of the Manifold version are always included.



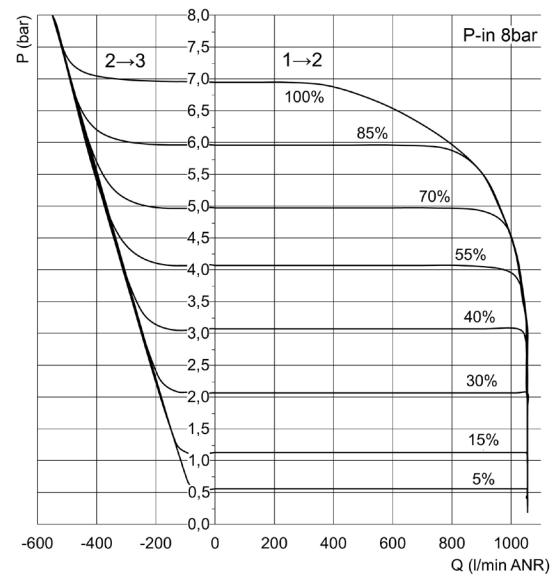
| Mod.                    | A                                    | B (3)                  | C                 | D (2)                   | E (1)                   | F               | G                       | H                          | Symbols |
|-------------------------|--------------------------------------|------------------------|-------------------|-------------------------|-------------------------|-----------------|-------------------------|----------------------------|---------|
| <b>PME2M4-Ex51xx-xx</b> | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Port G1/4 (Gas or NPTF) | Port G1/4 (Gas or NPTF) | Connection plug | Exhaust solenoid valves | Internal pilot supply      | RE09    |
| <b>PME2M4-Ex61xx-xx</b> | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Port G1/4 (Gas or NPTF) | Port G1/4 (Gas or NPTF) | Connection plug | Exhaust solenoid valves | Internal pilot supply      | RE11    |
| <b>PME2M4-Ex5Exx-xx</b> | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Port G1/4 (Gas or NPTF) | Port G1/4 (Gas or NPTF) | Connection plug | Exhaust solenoid valves | External pilot supply (M5) | RE10    |
| <b>PME2M4-Ex6Exx-xx</b> | Electrical connection M12 5 Pin Male | Exhaust regulator G3/8 | Fixing holes Ø4,3 | Port G1/4 (Gas or NPTF) | Port G1/4 (Gas or NPTF) | Connection plug | Exhaust solenoid valves | External pilot supply (M5) | RE12    |

## FLOW CHARTS SIZE 1 - Standard version (G1/4)

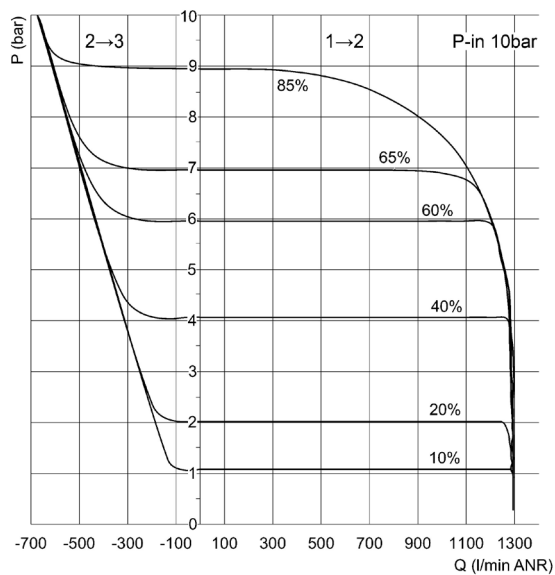
Typical curve for version PME104-EF...



Typical curve for version PME104-EG...

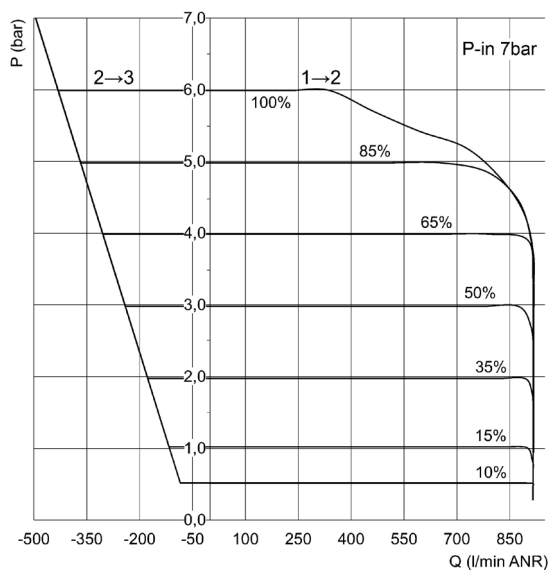


Typical curve for version PME104-ED...

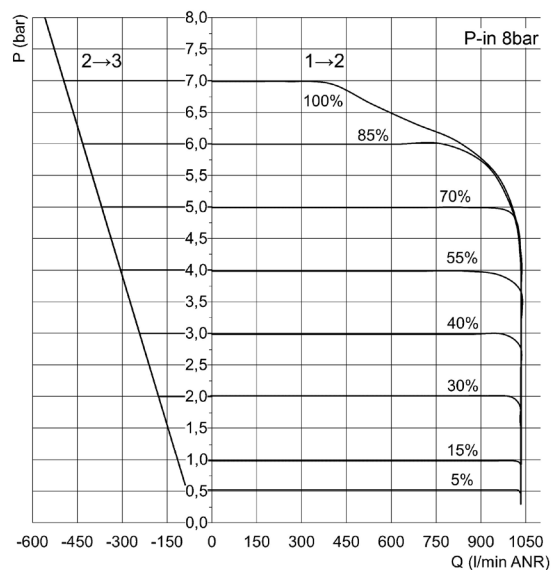


## FLOW CHARTS SIZE 1 - Manifold version (G1/4)

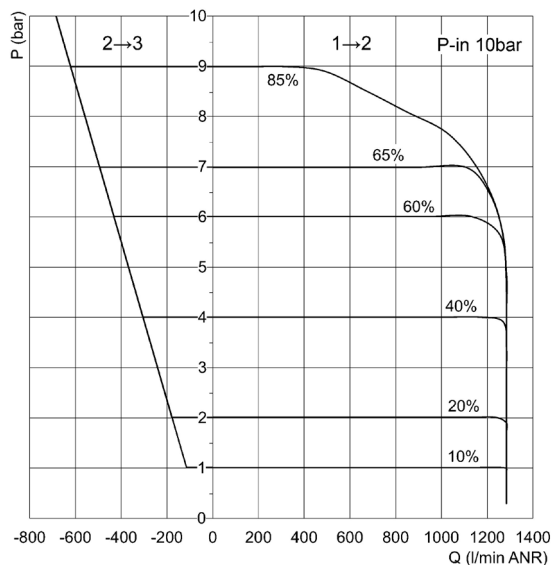
Typical curve for version PME1M4-EF...



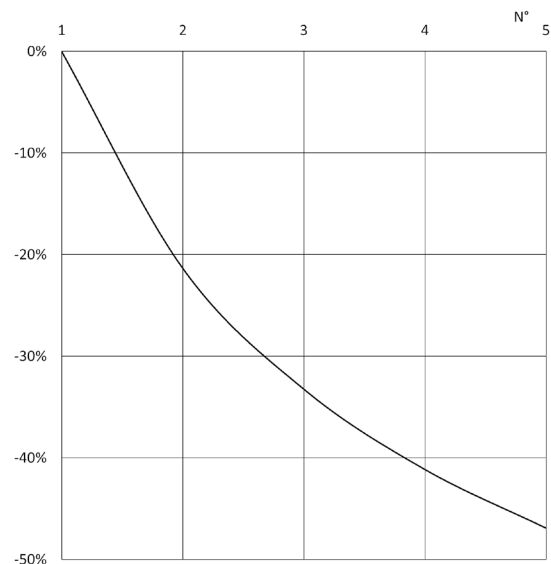
Typical curve for version PME1M4-EG...

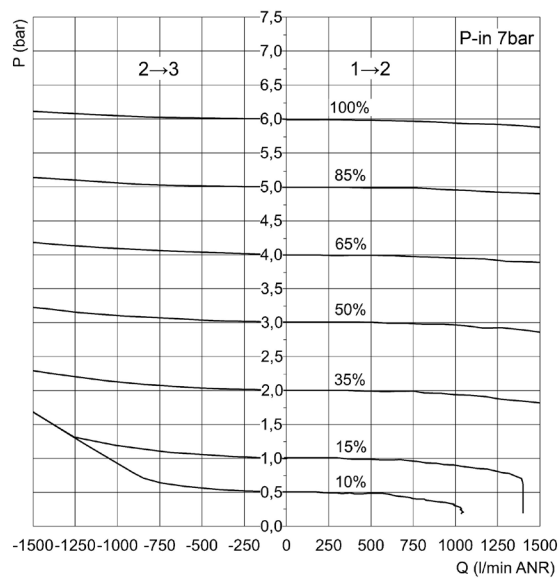


Typical curve for version PME1M4-ED...

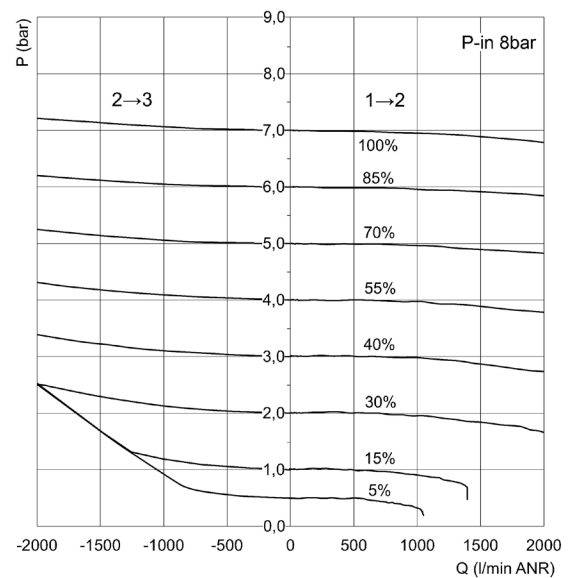


DECAY FACTOR FOR MANIFOLD REGULATORS SIZE 1

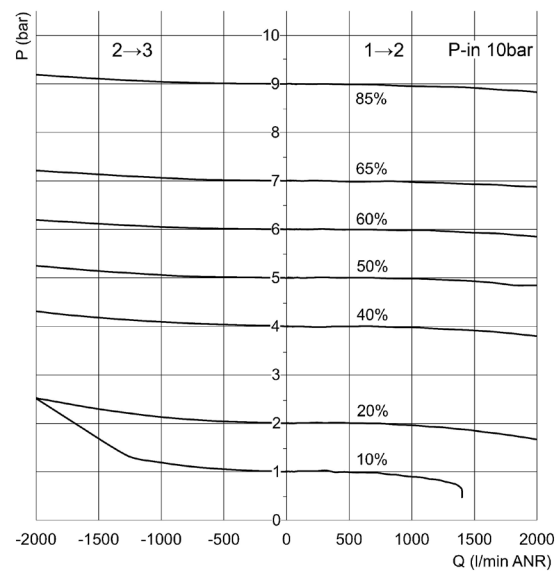


**FLOW CHARTS SIZE 2 - Version (G1/4)**
**Typical curve for version PME204-EF...**


P = Regulated outlet pressure and exhaust pressure  
 Q = Flow  
 % = Percentage of the command signal

**Typical curve for version PME204-EG...**


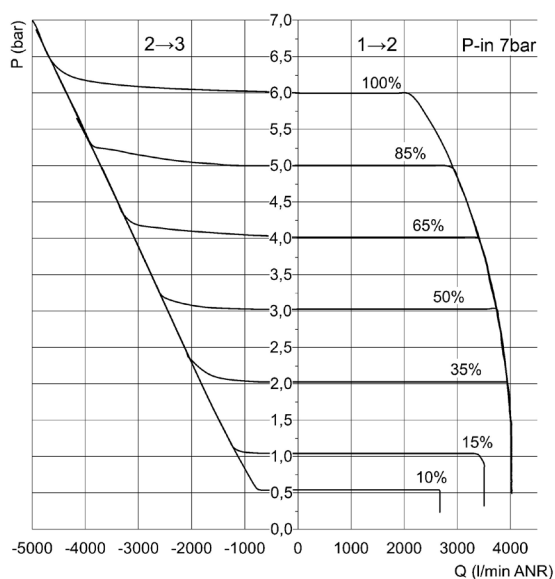
P = Regulated outlet pressure and exhaust pressure  
 Q = Flow  
 % = Percentage of the command signal

**Typical curve for version PME204-ED...**


P = Regulated outlet pressure and exhaust pressure  
 Q = Flow  
 % = Percentage of the command signal

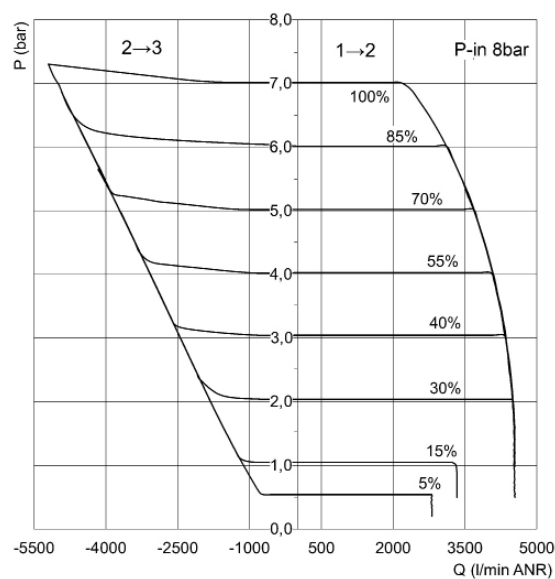
## FLOW CHARTS SIZE 2 - Version (G3/8)

Typical curve for version PME238-EF...



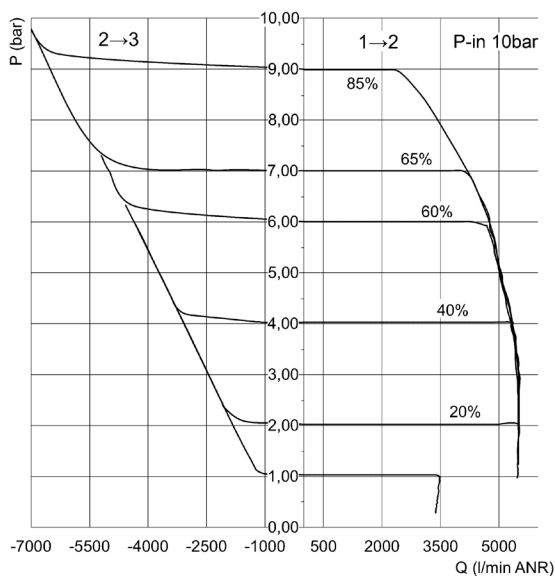
P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

Typical curve for version PME238-EG...



P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

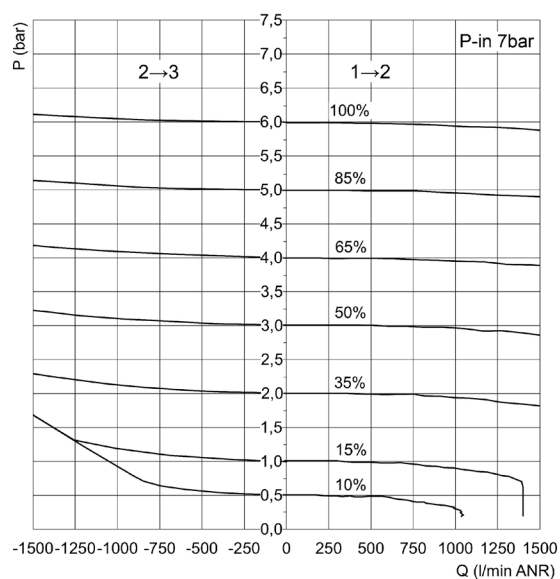
Typical curve for version PME238-ED...



P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

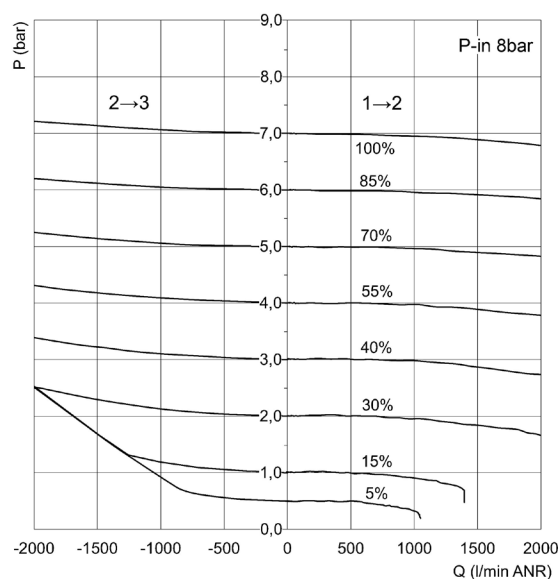
## FLOW CHARTS SIZE 2 - Manifold Version (G1/4)

Typical curve for version PME204-EF...



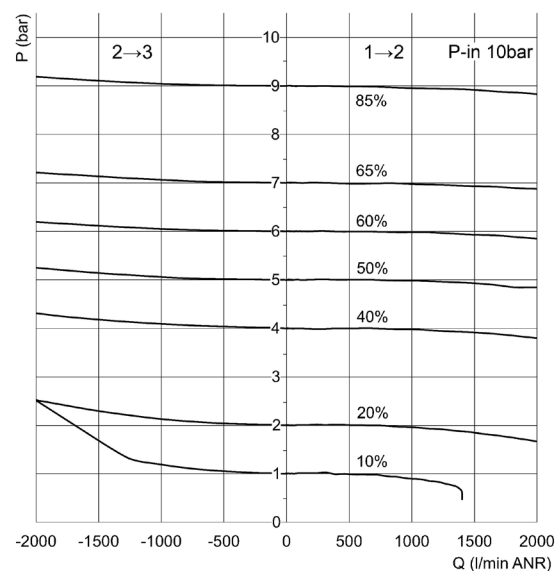
P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

Typical curve for version PME204-EG...



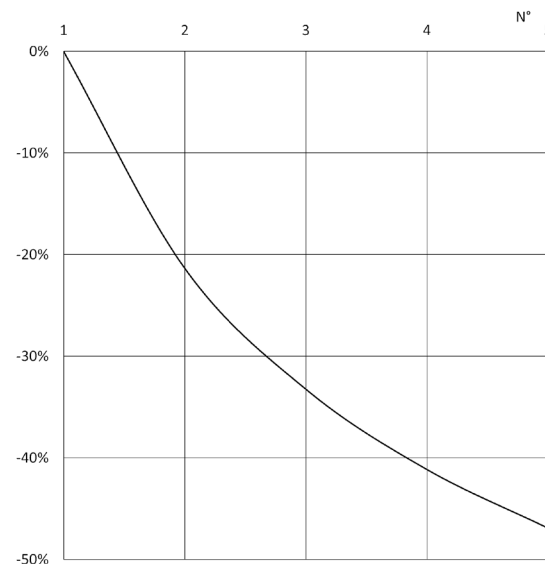
P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

Typical curve for version PME204-ED...



P = Regulated outlet pressure and exhaust pressure  
Q = Flow  
% = Percentage of the command signal

## DECAY FACTOR FOR MANIFOLD REGULATORS SIZE 1

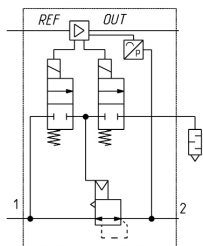


N° = number of regulators in manifold configuration % = % of decrease in flow rate compared to the maximum flow rate

Note: the air inlet is only from one side, in case it should be on the right and on the left, only consider the positions as from 1 ÷ 3.

## PNEUMATIC SYMBOLS OF SERIES PME PROPORTIONAL PRESSURE REGULATOR, SIZE 1 AND 2

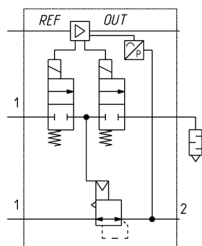
RE01



RE01

Version with internal servo-pilot supply, two pilot valves 2/2 NC.

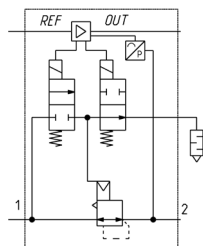
RE02



RE02

Version with external servopilot supply and two pilot valves 2/2 NC.

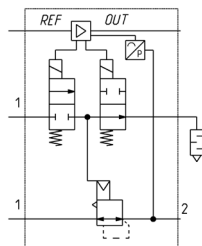
RE03



RE03

Version with internal servopilot supply and two pilot valves; one 2/2 NC and one 2/2 NO (exhaust)

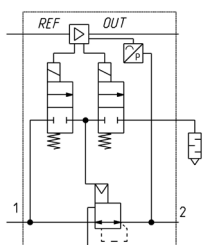
RE04



RE04

Version with external servopilot supply and two pilot valves; one 2/2 NC and one 2/2 NO (exhaust)

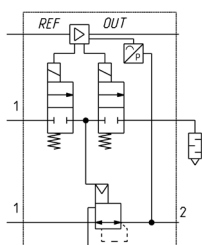
RE05



RE05

Version with internal servo-pilot supply and two pilot valves 2/2 NC, exhaust conveyable.

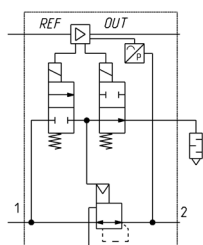
RE06



RE06

Version with external servopilot supply and two pilot valves 2/2 NC, exhaust conveyable.

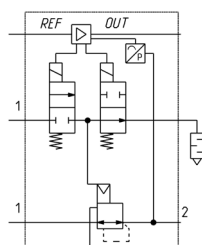
RE07



RE07

Version with internal servopilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust, exhaust conveyable.

RE08

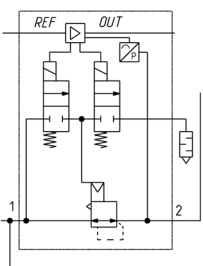


RE08

Version with external servopilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust, exhaust conveyable.

## PNEUMATIC SYMBOLS OF SERIES PME PROPORTIONAL PRESSURE REGULATOR, MANIFOLD VERSION SIZE 1 AND 2

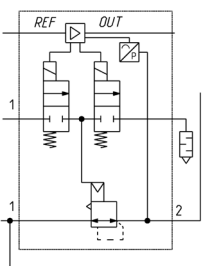
RE09



RE09

Manifold version with internal servo-pilot supply and two pilot valves 2/2 NC.

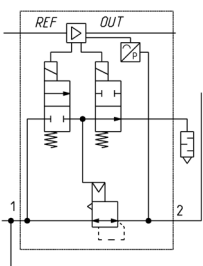
RE10



RE10

Manifold version with external servo-pilot supply and two pilot valves 2/2 NC.

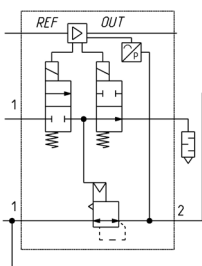
RE11



RE11

Manifold version with internal servo-pilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust.

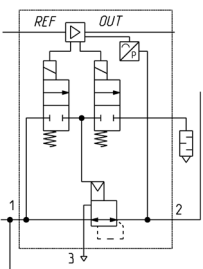
RE12



RE12

Manifold version with external servo-pilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust.

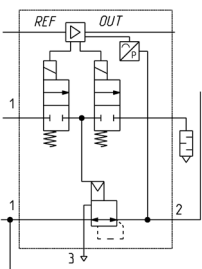
RE13



RE13

Manifold version with internal servo-pilot supply and two pilot valves 2/2 NC and exhaust conveyable.

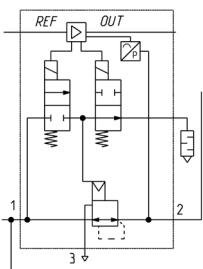
RE14



RE14

Manifold version with external servo-pilot supply and two pilot valves 2/2 NC and exhaust conveyable.

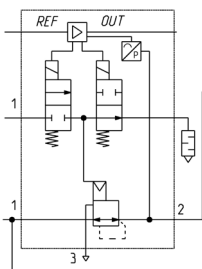
RE15



RE15

Manifold version with internal servo-pilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust, exhaust conveyable.

RE16



RE16

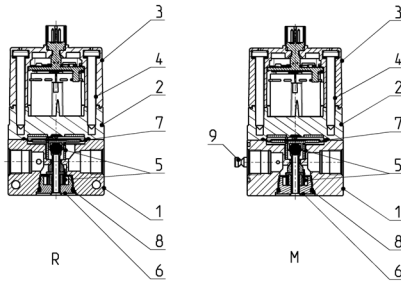
Manifold version with external servo-pilot supply and two pilot valves; one 2/2 NC and one 2/2 NO to exhaust, exhaust conveyable.

# PROPORTIONAL PRESSURE REGULATOR SERIES PME - MATERIALS

## SIZE 1 - MATERIALS

R = Proportional regulator

M = Proportional regulator - manifold version

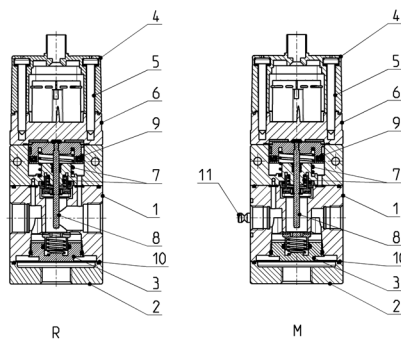


| PARTS                        | MATERIALS, standard version               |
|------------------------------|-------------------------------------------|
| 1 = body                     | Anodised aluminium                        |
| 2 = cover                    | PA6 CM 30%                                |
| 3 = cap                      | PARA GF50%                                |
| 4 = screws                   | stainless steel                           |
| 5 = springs                  | stainless steel                           |
| 6 = plug                     | nickel-plated brass                       |
| 7 = diaphragm                | NBR                                       |
| 8 = seals and O-Ring         | NBR                                       |
| 9 = pin for manifold version | stainless steel only for manifold version |

## SIZE 2 - MATERIALS

R = Proportional regulator

M = Proportional regulator - manifold version

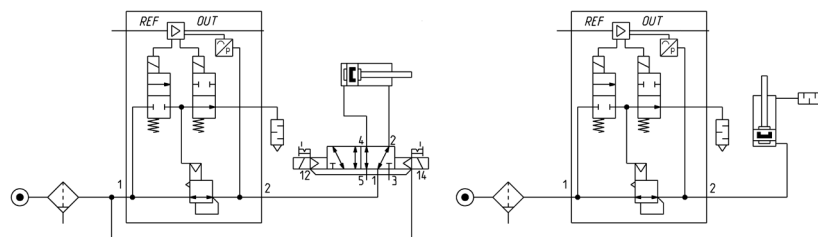


| PARTS                         | MATERIALS, standard version               |
|-------------------------------|-------------------------------------------|
| 1 = body                      | Anodised aluminium                        |
| 2 = end cover                 | Anodised aluminium                        |
| 3 = plug                      | brass                                     |
| 4 = cover                     | PA6 CM 30%                                |
| 5 = screws                    | stainless steel                           |
| 6 = valve body                | PARA GF50%                                |
| 7 = springs                   | stainless steel                           |
| 8 = piston rod                | stainless steel                           |
| 9 = piston seal               | NBR                                       |
| 10 = seals and O-Ring         | NBR                                       |
| 11 = pin for manifold version | Stainless steel only for manifold version |

## PNEUMATIC DIAGRAM FOR INSTALLATION

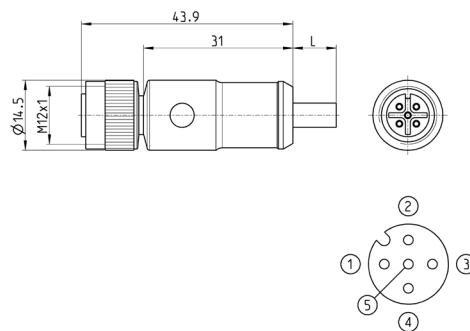
PME version with integrated exhaust valve.

Recommended pneumatic diagrams in order to create a pneumatic circuit that allows to discharge the regulated pressure in absence of power supply.



## Cable with M12, 5 pin, connector, female, straight, shielded

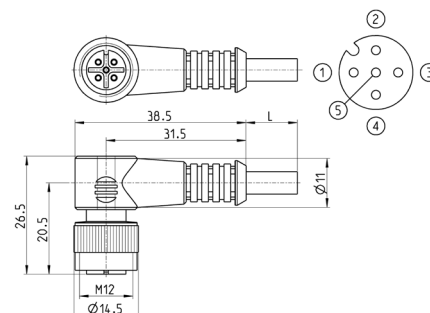
For power supply and IO-Link command signal



| Mod.           | Cable length (m) | Shielding  | N° wires |
|----------------|------------------|------------|----------|
| CS-LF05HB-C200 | 2                | Unshielded | 5        |
| CS-LF05HB-C500 | 5                | Unshielded | 5        |
| CS-LF05HB-D200 | 2                | Shielded   | 5        |
| CS-LF05HB-D500 | 5                | Shielded   | 5        |

## Cable with M12 5 pin connector, 90°, female

For power supply and IO-Link command signal.



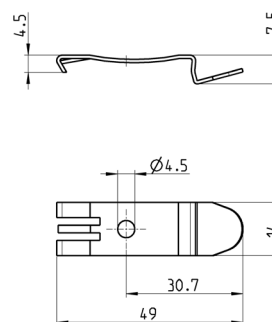
| Mod.           | Cable length (m) | Shielding  | N° wires |
|----------------|------------------|------------|----------|
| CS-LR05HB-C200 | 2                | Unshielded | 5        |
| CS-LR05HB-C500 | 5                | Unshielded | 5        |
| CS-LR05HB-D200 | 2                | Shielded   | 5        |
| CS-LR05HB-D500 | 5                | Shielded   | 5        |
| CS-LR03HB-C200 | 2                | Unshielded | 3        |
| CS-LR03HB-C500 | 5                | Unshielded | 3        |

## Mounting brackets for DIN-rail PME



DIN EN 50022 (7,5mm x 35mm - width 1)  
Suitable for all manifolds.

Supplied with:  
2x plates  
2x screws M4x6 UNI 5931  
2x nuts



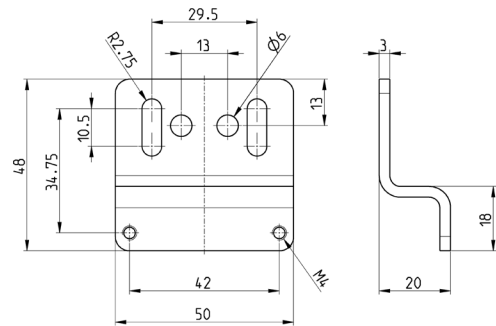
| Mod.      |
|-----------|
| PCF-EN531 |

# PROPORTIONAL PRESSURE REGULATOR SERIES PME - ACCESSORIES

## Rear bracket PRE

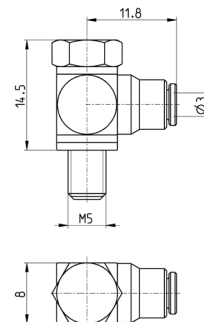


The kit includes  
1x zinc-plated bracket  
2x M4x55 white zinc-plated screws



| Mod.   |
|--------|
| PRE-ST |

## Fittings for external pilot supply



| Mod.      |
|-----------|
| 6625 3-M5 |

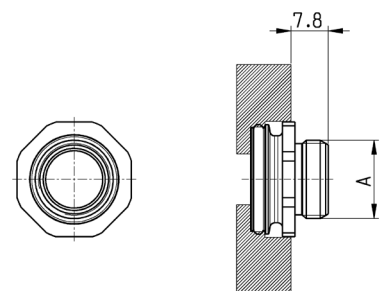
PROPORTIONAL TECHNOLOGY

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## Kit to fix PME on Series MD



The kit includes:  
1x bushing  
1x O-Ring  
2x special Ø4,5x34 white zinc-plated screws

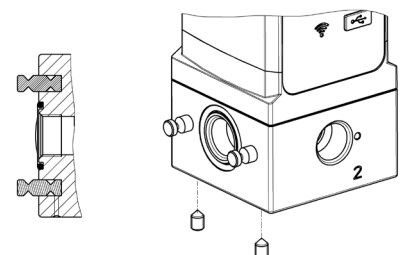


| Mod.      | A    |
|-----------|------|
| PRE-1/4-C | G1/4 |
| PRE-3/8-C | G3/8 |

## Fixing kit for manifold version: PME



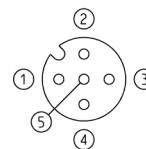
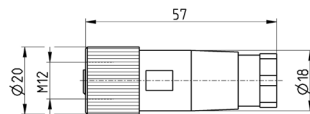
The kit includes:  
2x shaped steel pins  
4x steel grub screws  
1x electrical connection



| Mod.          |
|---------------|
| PRE-M-PIN-1-2 |

## Connector M12, 5 pin, female, straight

CANopen bus IN

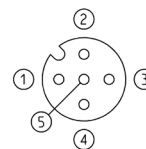
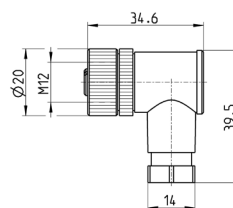


CS-LF05HC

Mod.

CS-LF05HC

## Connector M12, 5 pin, female, angular

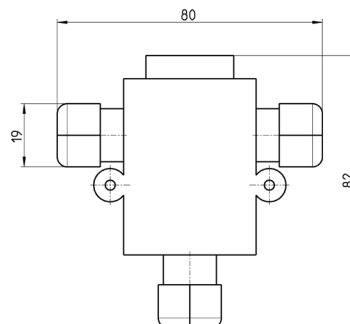


CS-LR05HC

Mod.

CS-LR05HC

## CANopen data line tee



Mod.

CS-AA05EC