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## MEDIUM PRESSURE REGULATOR

Alfa 10 MP series, with balanced direct action regulation

### Product informations

*Alfa 10 MP* series regulator with balanced direct action, equipped with external sensing line and safety relief valve; suitable for the use of not corrosive gases as methane and LPG.

***Also available the version with minimum and maximum pressure shut-off valve downstream (sku 2416).***

REGULATOR STRUCTURE	
1	O-RING
2	O-RING
3	O-RING
4	O-RING
5	O-RING
6	O-RING
7	O-RING
8	O-RING
9	O-RING
10	MEMBRANE



## Medium Pressure Regulator

<i>REGULATOR STRUCTURE</i>	
<b>11</b>	PILL
<b>12</b>	LIP RING
<b>13</b>	BALANCING MEMBRANE
<b>A</b>	PLASTIC CAP + O-RING
<b>B</b>	COMPLETE HEADER
<b>C</b>	FULL LEVERAGE
<b>D</b>	COMPLETE BLOCK
<b>E</b>	SHUTTER SEAT + O-RING
<b>F</b>	BOTTOM PLATE + O-RING + SCREWS
<b>G</b>	MEMBRANE PROTECTIVE PLATE
<b>H</b>	<ul style="list-style-type: none"> <li>• BLUE SPRING Ø 2,5 (<i>SETTING 95 ÷ 130 MBAR</i>)</li> <li>• ORANGE SPRING Ø 3 (<i>SETTING 130 ÷ 220 MBAR</i>)</li> <li>• BROWN SPRING Ø 3,5 (<i>SETTING 200 ÷ 300 MBAR</i>)</li> <li>• PURPLE SPRING Ø 3,5 (<i>SETTING 260 ÷ 450 MBAR</i>)</li> </ul>
<b>I</b>	ADJUSTMENT FERRULE

## Technical Features

<i>FLOW RATE</i>	<i>SEE TABLE UNDERLYING</i>
<i>INLET CONNECTION</i>	1"
<i>OUTPUT CONNECTION</i>	1"
<i>INLET PRESSURE</i>	0,5 ÷ 5 BAR
<i>OUTPUT PRESSURE</i>	95 ÷ 450 MBAR
<i>STANDARD OUTPUT PRESSURE</i>	ON REQUEST



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<b>WORKING TEMPERATURE</b>	- 20°C ÷ + 60°C
<b>EXTERNAL SENSING LINE</b>	Ø 10
<b>MATERIALS</b>	<ul style="list-style-type: none"> <li>• BODY: GS 400 CAST IRON</li> <li>• HEADER: DIE-CAST ALUMINIUM</li> <li>• SEAL: NITRILE RUBBER NBR OR HNBR</li> <li>• MEMBRANE: SANDWICH RUBBERIZED FABRIC</li> </ul>
<b>DIMENSIONS</b>	180 X 100 X 50 MM

### FLOW RATE TABLE M<sup>3</sup>/H

#### INLET PRESSURE

0,5 BAR    1 BAR    1,5 BAR

0,11 BAR    63 M<sup>3</sup>/H    91 M<sup>3</sup>/H    141 M<sup>3</sup>/H

0,15 BAR    57 M<sup>3</sup>/H    87 M<sup>3</sup>/H    139 M<sup>3</sup>/H

0,20 BAR    47 M<sup>3</sup>/H    82 M<sup>3</sup>/H    138 M<sup>3</sup>/H

0,30 BAR    -    70 M<sup>3</sup>/H    133 M<sup>3</sup>/H

#### OUTLET PRESSURE

***To obtain the LPG flow rates in kg/h, multiply the values in red by 1,42.***

SKU	MODEL	PRICE
00000002414	ALFA 10 MP SERIES REGULATOR - 1"X1" CONNECTION	€565.6 VAT EXCLUDED
00000002416	ALFA 10 MP SERIES REGULATOR - 1"X1" CONNECTION - WITH BLOCK	€963.6 VAT EXCLUDED



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