

SEMI-2

Electrohydraulic/electropneumatic
controller



Controlling the flow
of the working
medium

- electrical control of operating manifolds
in hydraulic machines and devices
- adapted for use in areas with explosion hazards



SEMI-2

Electrohydraulic/electropneumatic controller

TECHNICAL DATA

<ul style="list-style-type: none"> ✓ Electrical parameters <ul style="list-style-type: none"> - supply voltage - coil resistance ✓ Working conditions <ul style="list-style-type: none"> - ambient temperature - relative humidity of air - type of operation ✓ Metrological parameters <ul style="list-style-type: none"> - nominal pressure - maximum working pressure [MPa] - maximum flow of the medium [l/min] - liquid temperature range - required filtration level - viscosity range ✓ Mechanical parameters <ul style="list-style-type: none"> - size - weight - casing protection degree 	<p>12 ± 15% V DC R = 110 ± 10 Ω</p> <p>-20°C ... +60°C up to 95% constant operation</p> <table border="0"> <thead> <tr> <th>SEMI-2/.../OL</th> <th>SEMI-2/.../E</th> <th>SEMI-2/.../P</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>32</td> <td>0,63</td> </tr> <tr> <td>20</td> <td>35</td> <td>0,9</td> </tr> <tr> <td>1,3</td> <td>1,7</td> <td>0,7</td> </tr> </tbody> </table> <p>0°C...70°C 40 μm 2,8 to 380 mm²/s</p> <p>42 x 91,6 x 132 mm about 1,5 kg IP 65</p>	SEMI-2/.../OL	SEMI-2/.../E	SEMI-2/.../P	16	32	0,63	20	35	0,9	1,3	1,7	0,7
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Electrical control of the flow direction of the working medium in hydraulic machines and devices working in the underground excavations of mines, in the areas with explosion hazards.

Electrically controlled manifold to control the hydraulic/pneumatic operating manifold used in hydraulic and pneumatic systems.

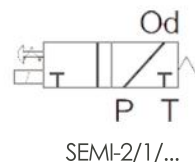
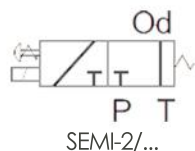


Diagram of connections of the SEMI-2/...electrohydraulic/electropneumatic controller

Anti-explosion structure

CE-type examination certificate

Conformity mark **CE**



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