VALVE BLOCK 2V - LOW-SIDE (GND) SWITCH

Type No. 410-053-011a



The valve block is supplied with pressured air from the Central Unit AGS, which controls the two valves inside according to the actual shift situation. An internal sensor supplies information about the current temperature. For runtime analysis an internal statistic processor is integrated.



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Technical specifcations

Electronic data:

Operating voltage 13.5V nom.

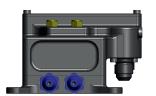
Operating current (electronic) < 50mA

Operating current (per activated valve) approx. 330mA



Mechanical data:

 $\begin{array}{ccc} \text{Dimensions L x W x H} & \text{approx. } 102.2 \, \text{x } 104.2 \, \text{x } 64 \, \text{mm} \\ \text{Weight} & \text{approx. } 500 \, \text{g} \\ \text{Fitting for air pressure inlet} & \text{Dash6} \\ \text{Fitting for air pressure up} & \text{Dash4} \\ \text{Fitting for air pressure down} & \text{Dash4} \\ \end{array}$



Pneumatic data:

Max. operating pressure 6 - 8 bar

Connector:

Deutsch 6 pin AS008-35PA loomside AS608-35SA



Temperature range:

Operating temperature (min/max) 0 .. 120°C Recommended operating temperature < 100°C

Ordering information:

Article no. 410-053-011a
Order no. 10860



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Date: 2015-06-25

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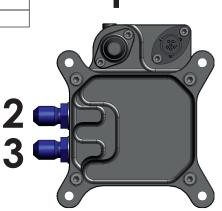
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Pin assignment (electric)

Pin	Function	Dia [AWG]	Туре
1	+12V	22	pwr
2	GND	22	pwr
3	valve UP	22	digital in
4	valve DOWN	22	digital in
5	n.c.	-	-
6	temperature	22	analog out

Port description (pneumatic)

Port	Function	Dimension	max.torque [Ncm]
1	Air pressure inlet	Dash6	1200
2	Air pressure DOWN	Dash4	800
3	Air pressure UP	Dash4	800



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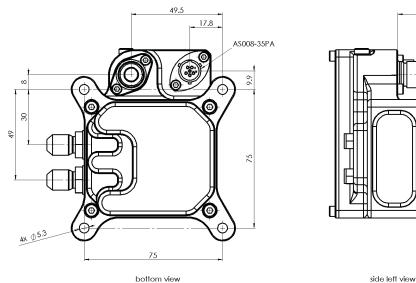
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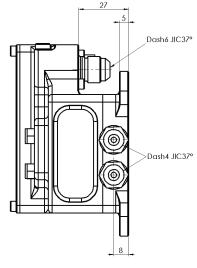
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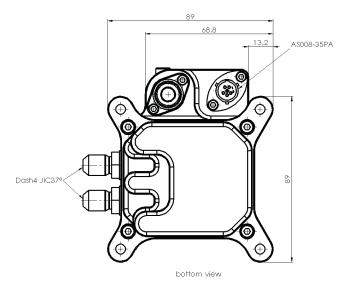
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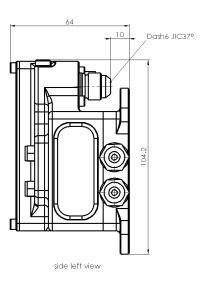
Assembly dimensions

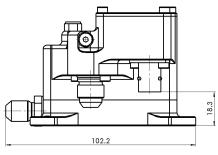




Mechanical dimensions







front view

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