Type No. 470-111-011a

Description / features

The compressor GT uC is a stand alone compressor with integrated reservoir and control system. The unit preserves the reservoir pressure to an applied value and monitors the operating conditions like supply voltage, current and temperature.

Programming and operation data are available via CAN interface.

Standard application is pressure supply for gear shift systems with external actuators and shift control. Alternatively the unit can also be utilized within pneumatic waste gate control applications.

Technical specifcations

Electronic data:

Operating voltage 13.5V nom.

Operating current (electronic) < 300mA

Operating current (compressor) approx. 10A @ 30% duty cycle

Mechanical data:

Dimensions L x W x H approx. 143 x 91 x 140 mm
Weight approx. 1700 g
Fitting for air pressure outlet Dash6

Pneumatic data:

Max. operating pressure8 barNominal pressure6 bar

Connector:

Deutsch 6 pin AS608-35PN

Temperature range:

Ambient (min/max) 0 .. +65°C

Operating range:

Max. duty cycle 40% In conjunction with max. compressor temperature 65°C

Ordering information:

Article no. 470-111-011a
Order no. 11489



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Germany

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Type No. 470-111-011a

MEGNAL RACING ELECTHONIC

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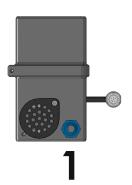
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Pin assignment (electric)

Pin	Function	Dia [AWG]	Туре
1	+12V	22	pwr
2	GND	22	pwr
3	GND	22	pwr
4	CAN low	26	data
5	CAN high	26	data
6	+12V	22	pwr

Port description (pneumatic)

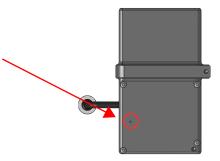
Port	Function	Dimension	max.torque [Ncm]
1	Air pressure outlet	Dash6	1200



Attention!



Both - compressor air inlet and pressure balance orifice must not be covered or restricted in any way!



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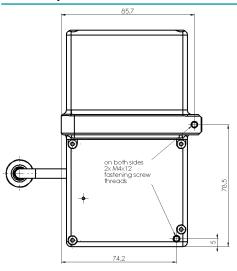
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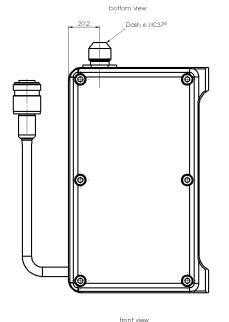
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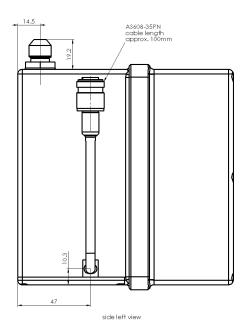
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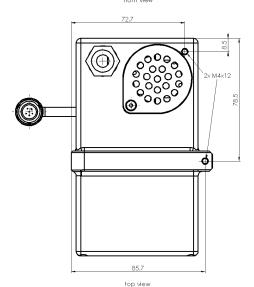
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Assembly dimensions









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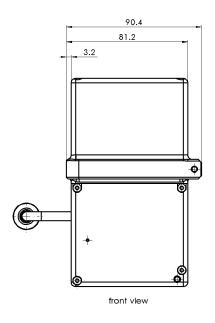
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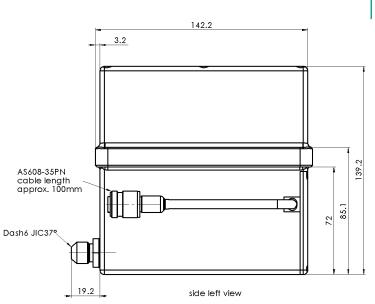
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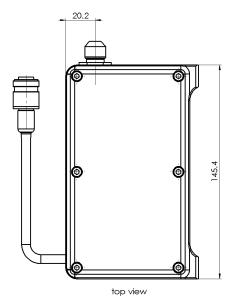
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Mechanical dimensions



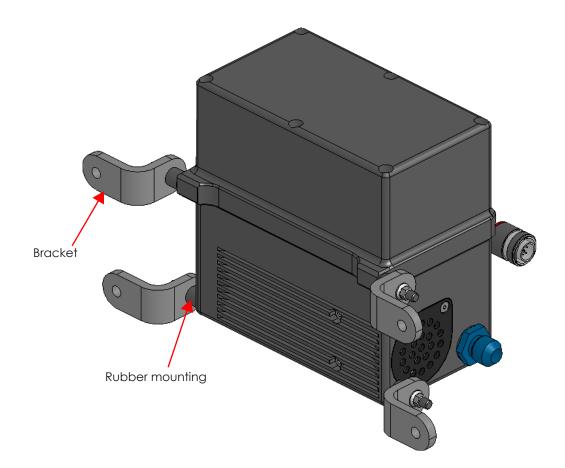




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Assembly example

Assembly components are not included in the purchased parts package.





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