"Drive by wire" - Electric throttle control actuator

Type No. 359-131-012b

Description / features

The new electric throttle control actuator for drive by wire systems was specifically developed for motorsport requirements. For the increased demands in race cars, a damper is integrated which guarantees excellent durability and stability. The actuator is mechanically and electrically compatible with production actuators. The new actuator also weighs less than its production counterparts. Integrated data recording saves run times and average and maximum temperatures of the actuator. The data can be downloaded via a service interface.

Technical specifcations

Electronic data: Operating voltage Operating current

Mechanical data:

Dimensions L x W x H Weight Angle of rotation Torsional constant

Connector:

Deutsch 6 pin Deutsch 6 socket, loom side

Temperature range:

Ambient (min/max)

Ordering information:

Article no. Order no.

Pin assignment

Pin	Function	Dia [AWG]	Туре
1	power supply (H-bridge)	22	pwr
2	power supply (H-bridge)	22	pwr
3	ground supply (H-bridge)	22	pwr
4	ground supply (H-bridge)	22	pwr
5	service interface	22	data
6	service interface	22	data

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13.5V nom. max 7.5 A

approx. 115 x 162 x 117 mm approx. 870 g max. 125° 380 mNm/A

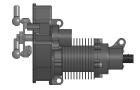


AS008-35PN AS608-35SN

0..+125°C



359-131-012b 9367

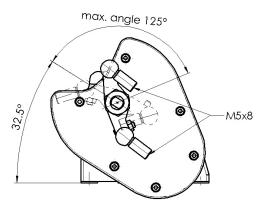


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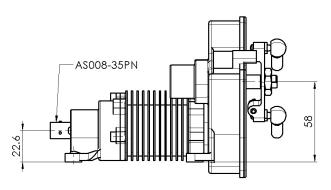
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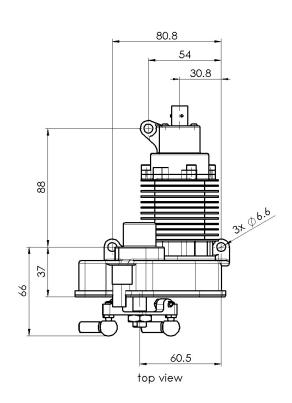
Assembly dimensions



front view



side left view



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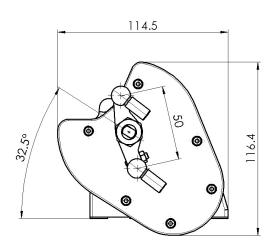
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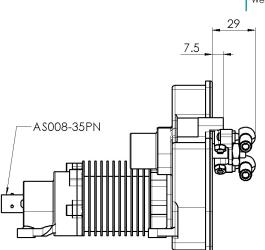
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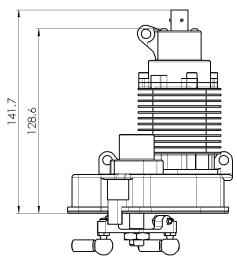
Mechanical dimensions



front view



side left view



top view

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