

GMCU-S-50/110-FC

DATA SHEET

Description

As a main component of a full authority engine management system the **Gas Metering Control Unit** (GMCU-S-XX) can be used for gas flow control of stationary gas engines by receiving a flow setpoint via CAN and adjusting the according gas flow to the gas mixer.



Features

Designed for integration into an existing AFR control

Suitable for different gas types and qualities

Proven reliability

CAN bus communication

High accuracy flow control

Wide input pressure range

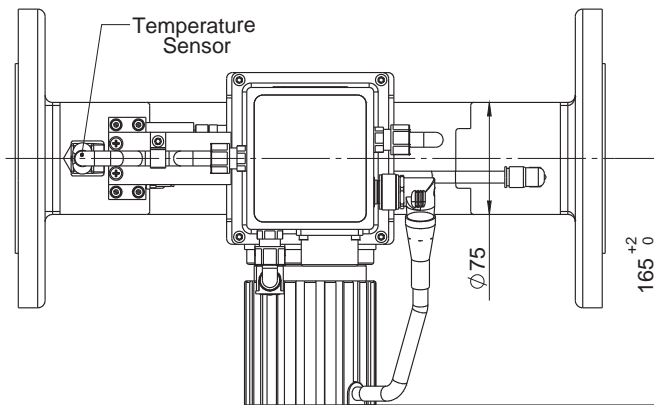
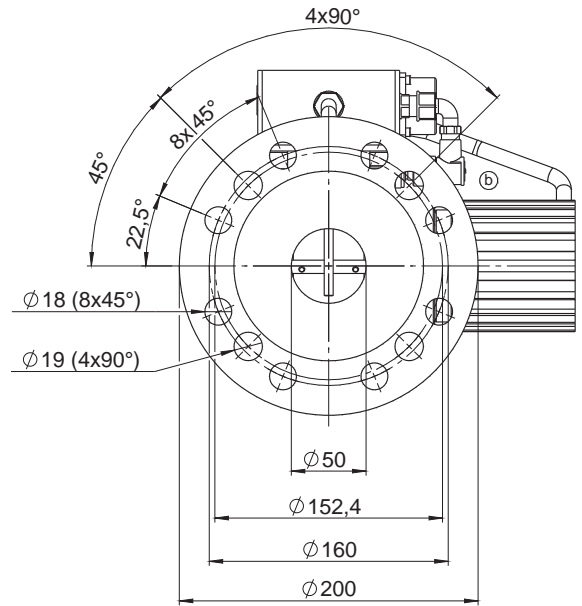
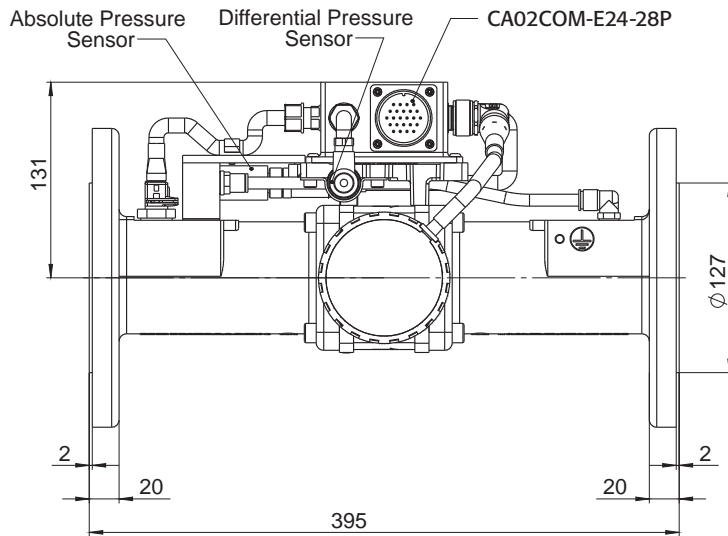
No zero pressure regulator required

Technical data

General specification	
Supply voltage	18 ... 32 VDC, nom. 24 VDC
Current consumption	Max. 6 A
Gas inlet pressure	40 mbar up to 250 mbar
Pressure difference input/output	40 mbar up to 250 mbar
Storing temperature	-30 °C up to +85 °C
Operating temperature	-30 °C up to +80 °C
Permissible ambient humidity	<98 % at 55 °C
Vibration	Max. 2 mm at 10..20 Hz Max. 0.24 m/s at 21..63 Hz Max. 9 g at 64...2000 Hz
Degree of protection	IP55
I/O interface	CAN bus serial

Dimensions GMCU-S-50-FC

Dimensions of GMCU-S-110-FC on request



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