

# DANOUT

Modules for additional analogue I/O



**DANOUT** is a module for extending the number of analogue outputs for controllers.

DANOUT is an expansion module capable of providing voltage and current signals 0...0.5V - 0...10V and 0...10mA - 0...20mA current loop using four different and galvanically isolated channels and power lines.

DANOUT's communication lines are galvanically isolated. An additional RS232 (not isolated) is available by means of a jack connector for setting up the device.

DANOUT can be connected to the following Mecc Alte controllers:

- DST4602
- GC315, GC400, MC400, GC600, MC200
- HS315

## TECHNICAL FEATURES

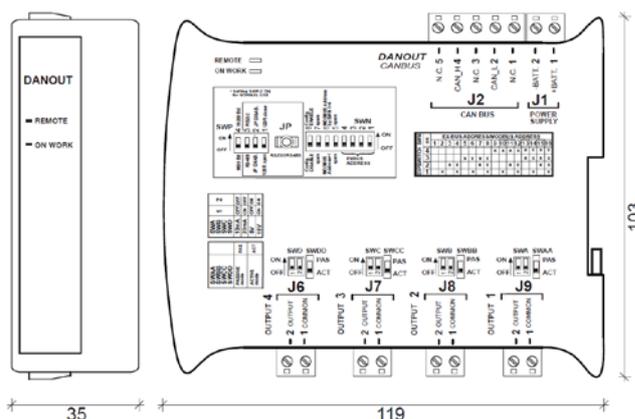
Input Voltage	7 ÷ 32Vdc
Current absorbed	Typ. 280mA (@ 13V) - Max 380 mA (@ 13V)
Consumption	Typ. 3.7W - Max 4.9W
Insulation of Input reading channels	1000 V
Voltage outputs	Monopolar; Two scales: 0...5V - 0...10V Minimum load impedance 20kOhm
Current outputs	Monopolar; Two scales: 0...10mA - 0...20mA Maximum load impedance 500kOhm

## ENVIRONMENTAL CONDITIONS

Operating temperature	-20°C +60°C
Humidity	From 30 to 90 % (condensate free)
Temperature warehousing	-20°C +70°C
Protection degree	IP 20

## READINGS

Precision	0.05%
Linearity	0.05%
Thermal drift	0.01% K
Response time (CAN signal)	200 ms
Digital acquisition resolution	14 bit
Reading resolution	1/256
Display resolution (on DST4601PX)	1/10
Reading dynamics received	0 to 100% with 8 tenth bits (1/256ths)



## DIMENSIONS AND WEIGHT

Height	103mm
Length	35mm
Depth	119mm
Weight	165g

If required, available tropicalized version for hazardous areas.