Technical data - CMA 03-CH

Designation		**CMA 03-CH**
Design		Cylindrical Housing Design, Aluminium
Accuracy class		**0,1**
Sensors to be connected: - strain gauge, full bridge	 Ω	admissible connection impedance 350 to 1000
Bridge excitation voltage	V DC	10
Nominal gain G_{nom}		667
Nominal measuring range U_{sig}	mV	± 15
Adjustment range calibration (CAL)	% F_N	n/a
Adjustment range zero (ZERO)	% F_N	± 45
Cut-off frequency f_C (-3 dB)	Hz	approx. 70
Output - voltage output (standard) - current output 0-20 (optional) - current output 4-20 (optional)	 V mA mA	 0 to ± 10, max. 1 mA 0 to + 20, admissible load 0 to 300 Ω 4 to + 20, admissible load 0 to 300 Ω
Nominal temperature range Operation temperature range Storage temperature range	° C ° C ° C	0 to + 50 0 to + 50 - 30 to + 75
Temperature influence per 10 °C - on zero at amplifier output - on calibration	 mV % v.E.	 < 10 < 0,05
Supply voltage Current consumption (with 350 Ω bridge, no load)	V DC mA	20 to 28 approx. 36
Dimensions (L x W x H)	mm	see drawing
Weight (without connection cable)	g	approx. 100
Connection cable - Sensor connection - Power / Out connection	robust, flexible, shielded, 4 x 0,14 mm^2 cable ∅ 4,5 mm, open ends with splices sheath special PVC operating temperature -30 to +80 °C 1 m long, open ends, firmly connected at MVwith optional cable jack, 6-pin 270 °, gold-plated contacts 5-pin 180 °, gold-plated contacts	