

DT85

External display and control unit for MP85(A) and MP85(A)DP process controller

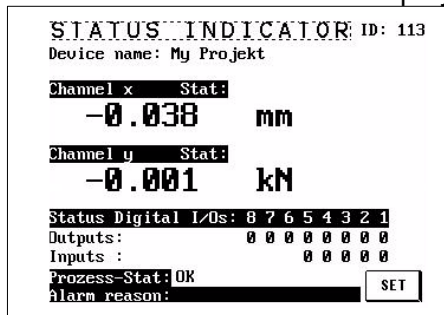


Special features

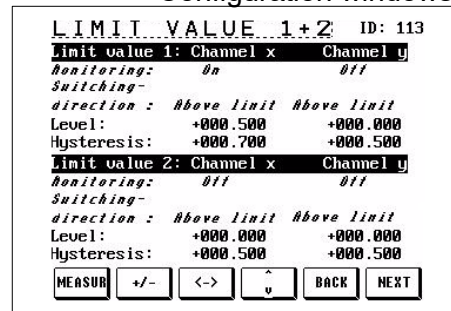
- Monitoring of fitting, press-fit and testing process in manufacturing monitoring and automation
- Graphical display of all measured values and press-fit curves with OK / NOK results and statistics function
- Parameterization and control of up to 10 MP85(A)DP amplifiers via CAN interface
- Can be connected during operation (hot plugging)
- Without fan, maintenance-free, small mounting depth

Graphical interface

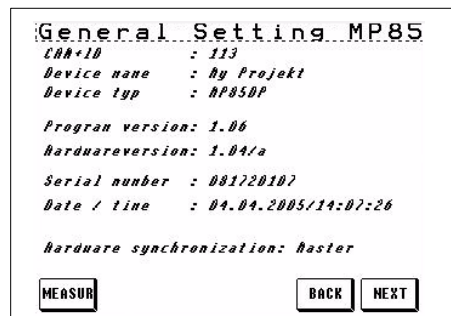
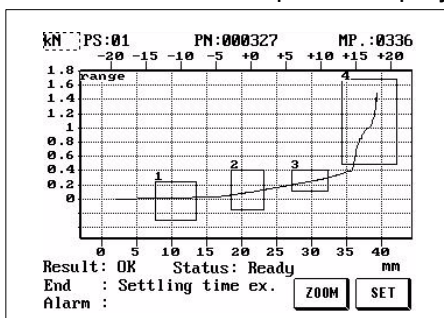
Numerical display



Configuration windows



Graphical display

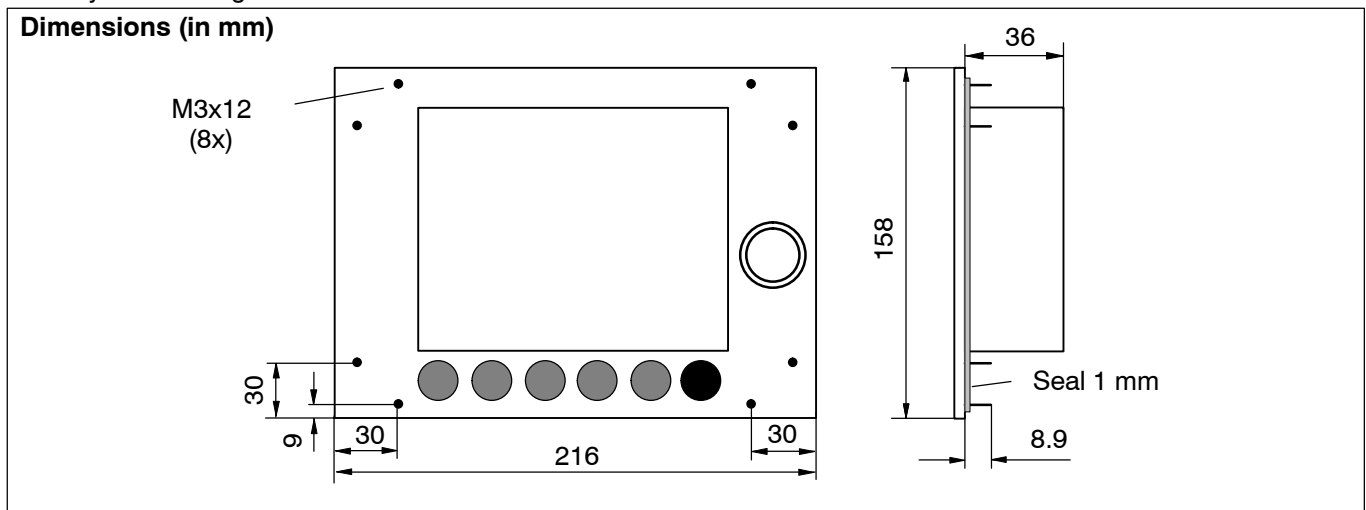


Specifications

DT85		
Display		Backlit LCD display, monochrome background illumination with auto contrast function
Resolution	Pixel	320 x 240 (5.7 Zoll)
Active screen	mm	120 x 90
Face plate		plexiglas
Operation		6 function keys with tactile touch and encoder wheel
Password		Several input levels can be protected by password
Dialog		Menu language switchable German or English
Supply voltage	V _{DC}	18 ... 30
Power consumption, max.	W	5
Electrical connection		2 x CAN-Bus (electrical separated), 4-pin COMBICON connector 1 x supply / 3-pin COMBICON connector 1 x RS232 for maintenance
Nominal (rated) temperature range	C°	0 ... +50
Storage (rated) temperature range	C°	-20 ... +70
Humidity rel.	%	20 ... 80 (not condensating)
Vibration (5–65 Hz), max. 3 times in each direction	m/s ²	50
Shock (11 ms), max. 3 times in each direction	m/s ²	200
Dimensions	mm	216 x 158 x 45 (w x h x d)
Mounting		8 fixing bolts M3
Cutout in the panel frame	mm	185 x 130 (w x h)
Degree of protection		IP52 front side, IP20 back side
Weight , approx.	g	800

The display and control unit (display terminal) provides a comfortable graphical overview and handling of the various functions of the MP85(A)DP measuring amplifiers without any additional hard/software. The DT85 features a graphical display with a bright background illumination.

The display and control unit is operated using six function keys with tactile touch and a rotary switch with a key function for easy menu navigation



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