

# DT85

External display and control unit for MP85 and MP85DP process controller

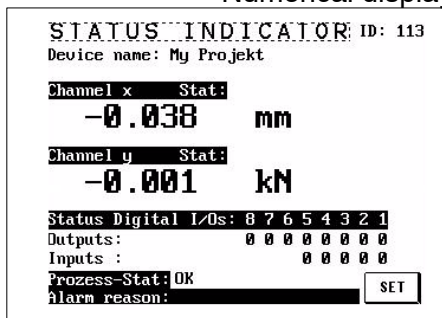


## Special features

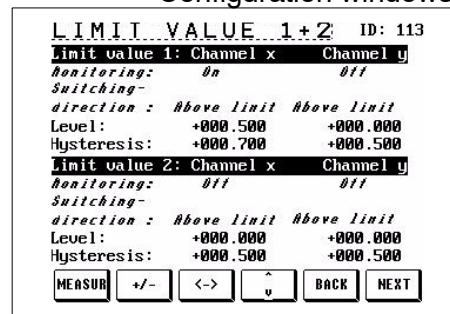
- Monitoring of fitting, press-fit and testing process in manufacturing monitoring and automation
- Graphical display of all measured values and press-fit curves with OK / NOK results and statistics function
- Parameterization and control of up to 10 MP85 (DP) amplifiers via CAN interface
- Can be connected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

### Graphical interface

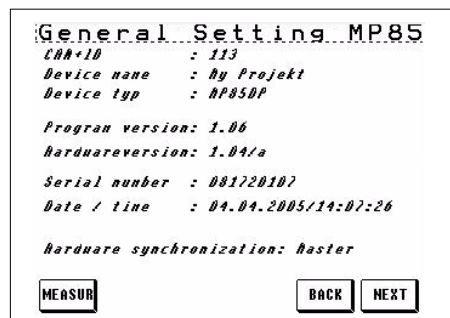
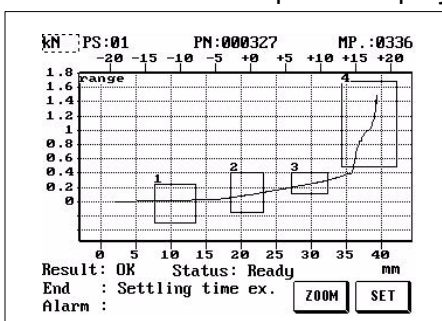
#### Numerical display



#### Configuration windows



#### Graphical display

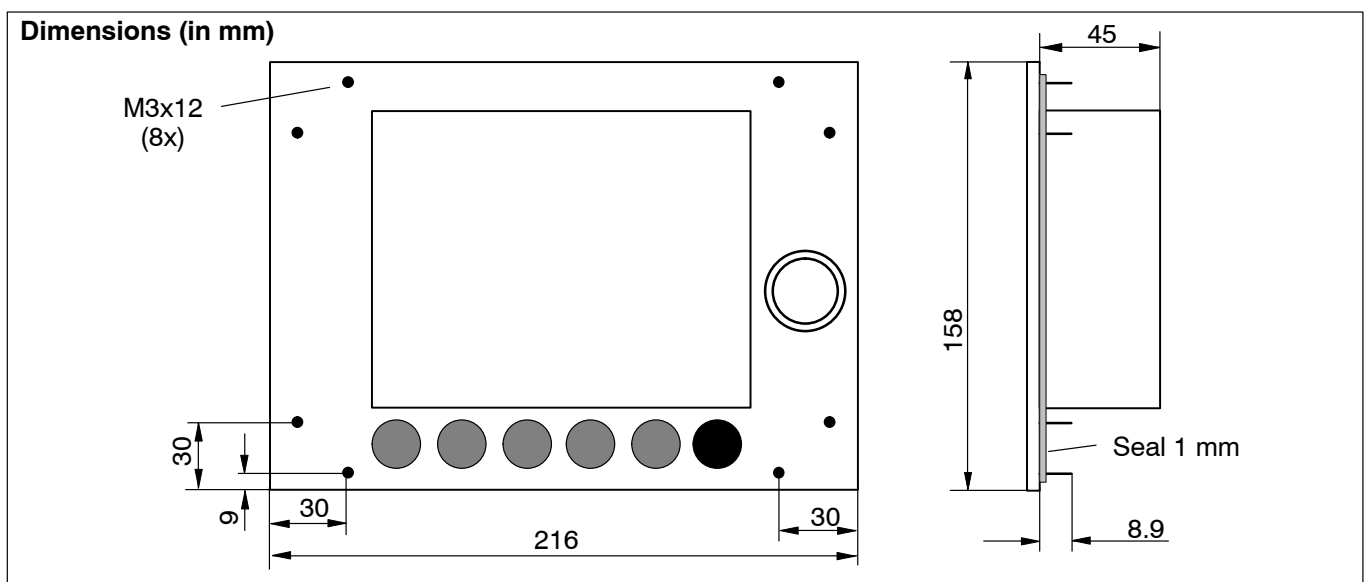


## Specifications

<b>DT85</b>		
<b>Display</b>		Backlit LCD display, monochrome background illumination with auto contrast function
<b>Resolution</b>	Pixel	320 x 240 (1/4 VGA)
<b>Active screen</b>	mm	120 x 90
<b>Face plate</b>		plexiglas
<b>Operation</b>		6 function keys with tactile touch and encoder wheel
<b>Password</b>		Several input levels can be protected by password
<b>Dialog</b>		Menu language switchable German or English
<b>Supply voltage</b>	V <sub>DC</sub>	18 ... 30
<b>Power consumption, max.</b>	W	5
<b>Electrical connection</b>		2 x CAN-Bus (electrical separated), 4-pin COMBICON connector 1 x supply / 3-pin COMBICON connector 1 x RS232 for maintenance
<b>Nominal (rated) temperature range</b>	°C	0 ... +50
<b>Storage (rated) temperature range</b>	°C	-20 ... +70
<b>Humidity rel.</b>	%	20 ... 80 (not condensating)
<b>Shock (11 ms), max.</b>	G	5
<b>Vibration (5-65 Hz), max.</b>	G	0.5
<b>Dimensions</b>	mm	216 x 158 x 45 (w x h x d)
<b>Mounting</b>		6 fixing bolts M3
<b>Cutout in the panel frame</b>	mm	185 x 130 (w x h)
<b>Degree of protection</b>		IP52 front side, IP20 back side
<b>Weight , approx.</b>	g	800

The display and control unit (display terminal) provides a comfortable graphical overview and handling of the various functions of the MP85 (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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