MOELLER

Type: **MFD−80−B**
Article No.: **265251**

Display/keypad

Ordering information			
Description			Connection to power supply unit/communication module Emulation software only required for commissioning

Notes concerning the product group

Emulation software for commissioning, instead of MFD−80−B and MFD−...CP4−800, for PC (WIN 2000 SP 4, WIN XP)

For free download visit http://www.moeller.net

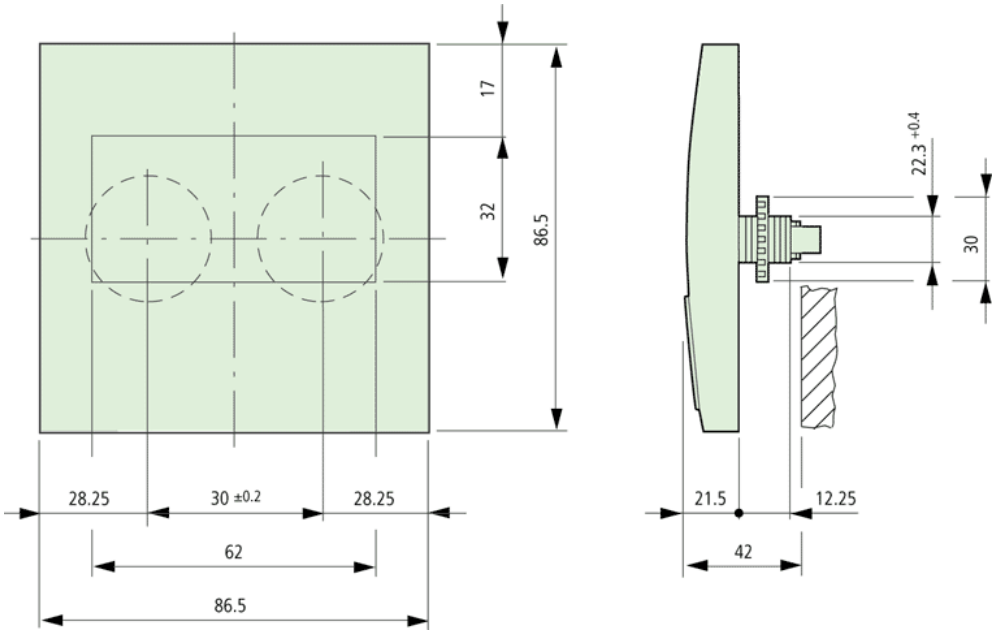
EASY800−PC−CAB connection cable required for connection to 9−pole interface

General			
Standards			EN 61000−6−1/−2/−3/−4, IEC 60068−2−6, IEC 60068−2−27
Weight		kg	0,13
Mounting			2 × 22.5 mm, display is screwed on with 2 fixing rings. When using MFD−CP8..., MFD−AC−CP8 **without** top−hat rail MFD−TS−144, the mounting plate thickness is 1 – 6 mm. **With** top−hat rail the mounting plate thickness is 1 –

			4 mm.
Climatic environmental conditions			
Operating ambient temperature		° C	−25 to 55, cold as per IEC 60068−2−1, heat as per IEC 60068−2−2
Condensation			Take appropriate measures to prevent condensation
LCD display (clearly legible)		° C	−550(−10 to 0 when background lighting is switched on (continuous operation))
Storage		° C	−40/+70
Relative humidity, non−condensing (IEC/EN 60068−2−30)		%	5 – 95
Air pressure (operation)		hPa	795 – 1080
Ambient conditions, mechanical			
Pollution degree			3
Degree of protection (IEC/EN 60529)			IP65
Vibrations (IEC/EN 60068−2−6)			
Constant amplitude 0.15 mm		Hz	10 – 57
Constant acceleration 2 g		Hz	57 – 150
Mechanical shock resistance (IEC/EN 60068−2−27) semi−sinusoidal 15 g/11 ms		Impacts	18
Drop to IEC/EN 60068−2−31	Drop height	mm	50
Free fall, packaged (IEC/EN 60068−2−32)		m	1
Mounting position			horizontal, vertical
Electromagnetic compatibility (EMC)			
Electrostatic discharge (IEC/EN 61000−4−2, Level 3, ESD)			
Air discharge		kV	8
Contact discharge		kV	6
Electromagnetic fields (IEC/EN 61000−4−3, RFI)		V/m	10
Radio interference suppression (EN 55011)			EN 55011 Class B, EN 55022 Class B
Burst pulses (IEC/EN 61000−4−4, level 3)			
Supply cables		kV	2
Signal lines		kV	2
High−energy pulses (surge) (IEC/EN		kV	2 (supply cables, symmetrical)

61000−4−5)			
High−energy pulses (surge) (IEC/EN 61000−4−5, level 2)		kV	0.5 (supply cables, symmetrical)
Immunity to line−conducted interference to (IEC/EN 61000−4−6)		V	10
Insulation resistance			
Clearance in air and creepage distances			EN 50178, UL 508, CSA C22.2, no. 142
Insulation resistance			EN 50178
Dimensions			

Dimensions



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