



Programmable graphic display for controlling mobile machines

ecomatDisplay/4.3"/BASIC/E

Salt spray test	EN 60068-2-52 Salt spray	test method 3 / motor vehicle
MTTF [years]	109	
Railway applications	DIN EN 50155 Pkt 13.3	
	EN 50121-3-2	
	EN 55016	

Mechanical data

Weight [g]	454	
Type of mounting	panel / surface; installation in panels or panel cutouts	
Dimensions [mm]	96 x 125.1 x 41.3	
Materials	housing: diecast aluminium powder-coated; Display: glass anti-reflective and hardened; rear of the housing: plastics; diaphragm: Gore-Tex	
Information on service life	Display LED lifetime:	> 50000 h

Displays / operating elements

Display	status LED	1 LED, multi-colour freely programmable
Display resolution	800 x 480	
Display type	colour display	
Display size	4.3"	
Aspect ratio	16:10	
Display background illumination	LED	
Colour depth	24 Bit	
Brightness [cd/m²]	1000; (adjustable: 0...100 %; In steps of: 1 %)	
Contrast ratio	800:1	

Hardware

Processor	ARM Dual Core 64 Bit 1,4 GHz	
RAM	1 GByte RAM	
Mass storage	4 GByte Flash	
Non-volatile memory	8 kByte	

Data memories

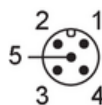
Real-time clock	yes; UTC, battery buffered
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Remarks

Pack quantity	1 pcs.
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Electrical connection - CAN

Connector: 1 x M12; coding: A; Contacts: 5



1:	Service
2:	VBB30
3:	GND
4:	CAN_H
5:	CAN_L

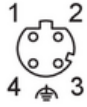


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Electrical connection - ETH

Connector: 1 x M12; coding: D; Contacts: 4



1:	TxD+
2:	RxD+
3:	TxD-
4:	RxD-
SCREEN:	FE screen connected to plug