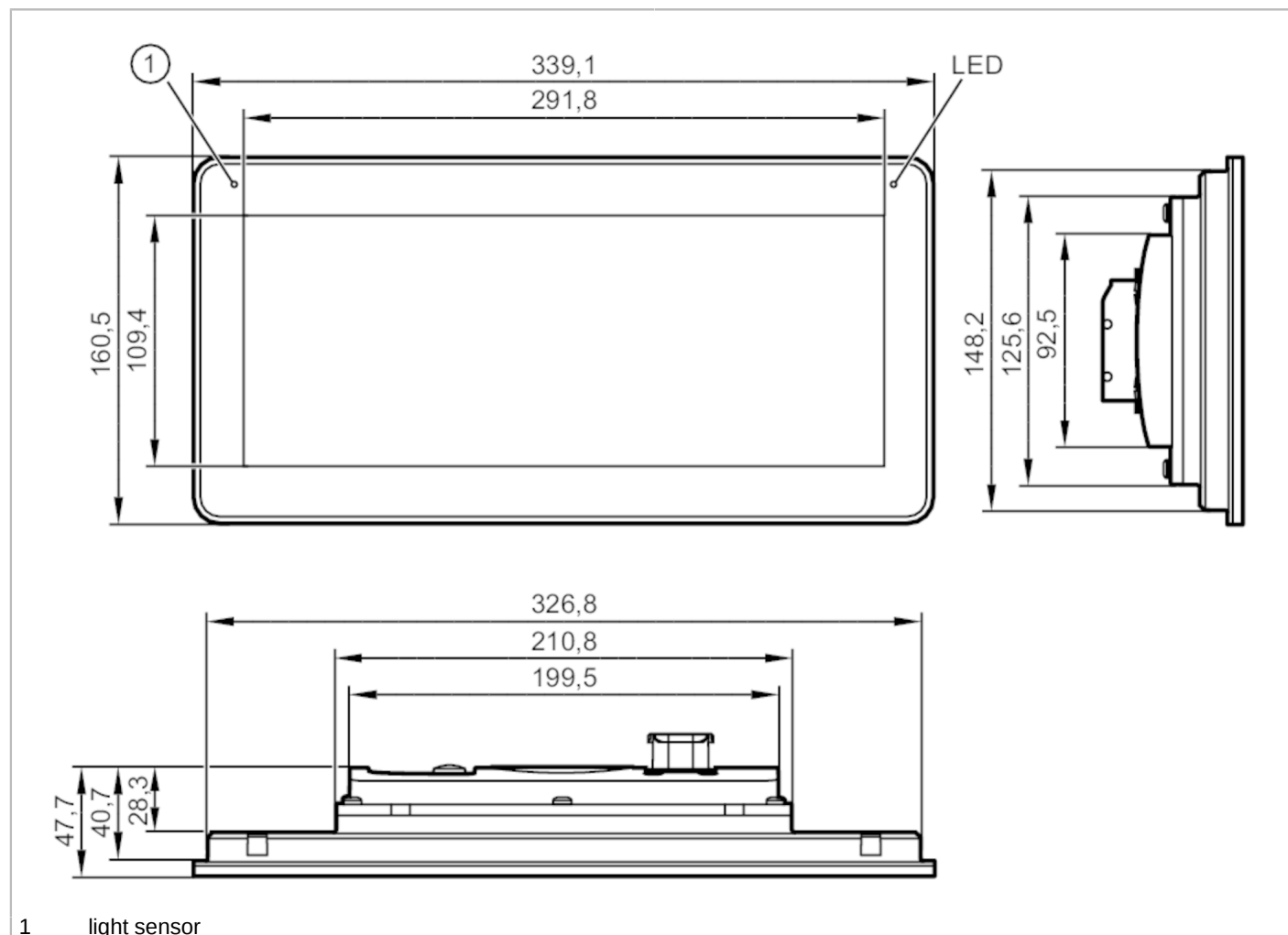


EdgeController für UHF-Gate-Solution

AE1300 mit Gate Solution Software



Product characteristics

Communication interface	Ethernet; USB
Dimensions [mm]	339.1 x 160.5 x 47.7

Application

Application	pre-programmed edge device with UHF gate solution software
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Electrical data

Operating voltage [V]	20...32 DC
Nominal voltage DC [V]	24
Power consumption [W]	32
Reverse polarity protection	yes

Software / programming

Parameter setting options	CODESYS 3.5
PLC function to IEC 61131-3	yes

Interfaces

Communication interface	Ethernet; USB
Number of Ethernet interfaces	2
Number of USB interfaces	2



EdgeController für UHF-Gate-Solution

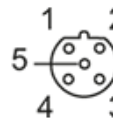
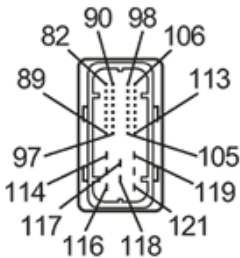
AE1300 mit Gate Solution Software

Ethernet		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10 MBit/s; 100 MBit/s	
Connector type	M12	
Protocol	TCP/IP; TCP/IP JSON; UDP; HTTP	
USB		
Transmission rate	< 480 MBit/s	
Connector type	M12	
Version	USB 2.0	
Note on interfaces	Output current limitation: 1,5 A	
	Output current, total: 1,5 A	
Operating conditions		
Ambient temperature	[°C]	-30...65
Note on ambient temperature	2000 m: -30...65 °C	
	3000 m: -30...60 °C	
	The temperature of the mainboard must not exceed 85 °C.	
	for further information please see the operating instructions	
Storage temperature	[°C]	-35...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	3000
Protection		IP 65
Pollution degree		2
Mechanical data		
Weight	[g]	2294.75
Type of mounting		panel / surface
Dimensions	[mm]	339.1 x 160.5 x 47.7
Materials		housing: diecast aluminium powder-coated; Display: glass chemically hardened and anti-reflective
Displays / operating elements		
Display	status LED	LED, multi-colour programmable
Display resolution	1280 x 480	
Display type	colour display with touch function	
Display size	12.3" 8:3	
Display background illumination	LED	
Colour depth	24 Bit	
Brightness	[cd/m²]	> 1000
Contrast ratio	1000:1	
Hardware		
Processor	ARM 64 Bit Quad Core 1,2 GHz	
Working memory	1 GByte RAM	
Mass storage	8 GByte Flash	
Removable storage	USB interface	



EdgeController für UHF-Gate-Solution

AE1300 mit Gate Solution Software

Data memories	
Real-time clock	yes; UTC, battery buffered
Accessories	
Accessory required	Connecting cable with plug: AMP - M12, E70450 connection cable with open cable end: AMP, E70451
Remarks	
Pack quantity	1 pcs.
Electrical connection - Ethernet	
Connector: 2 x M12; coding: D	
	
1 TxD + 2 RxD + 3 TxD - 4 RxD -	
Electrical connection - USB	
Connector: 2 x M12; coding: B	
	
1 + 5 V DC 2 Data - 3 Data + 4 ID 5 GND	
Electrical connection - power supply	
Connector: 1 x AMP connector	
	
120 GND 114 L + 119 L + 121 L +	