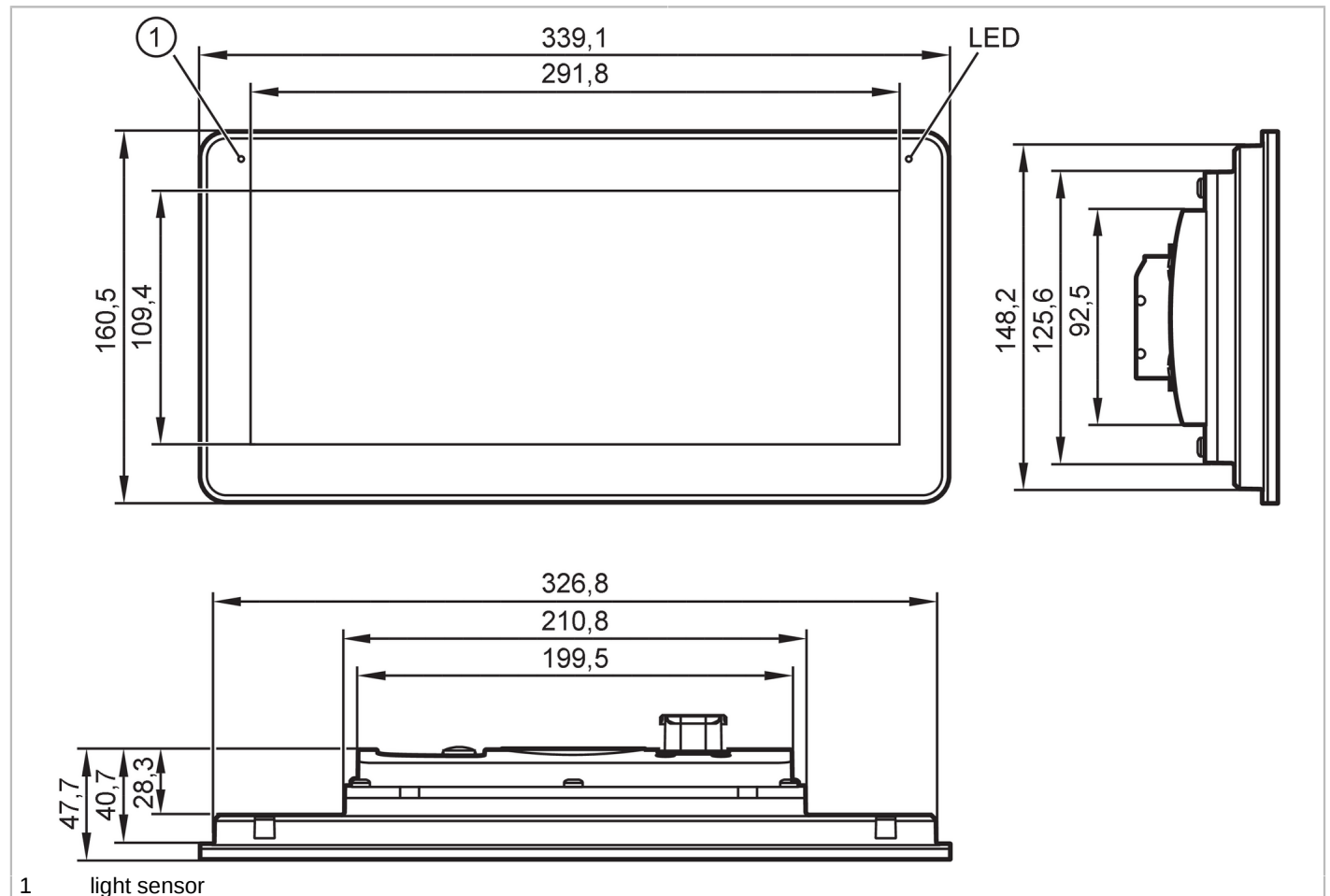


EdgeController for UHF gate solution

AE1300 mit Gate Solution Software



Product characteristics		
Communication interface		Ethernet; USB
Housing		rectangular
Dimensions	[mm]	160.5 x 339.1 x 47.7
Application		
Application		pre-programmed edge device with UHF gate solution software
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 for UHF gate solution

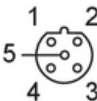
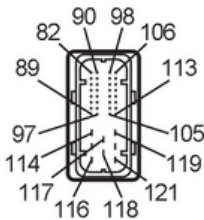
AE1300 mit Gate Solution Software

Ethernet		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10 MBit/s; 100 MBit/s	
Type of connector	M12	
Protocol	TCP/IP; TCP/IP JSON; UDP; HTTP	
USB		
Transmission rate	< 480 MBit/s	
Type of connector	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
Housing		rectangular
Type of mounting		panel/surf.
Dimensions	[mm]	160.5 x 339.1 x 47.7
Material		housing: diecast aluminium powder-coated; Display: glass chemically hardened and anti-reflective
Displays / operating elements		
Display	Status LED	LED, multi-color programmable
Display resolution	1280 x 480	
Display type	color display with touch function	
Display size	12.3" 8:3	
Display background illumination	LED	
Color 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 for UHF gate solution

AE1300 mit Gate Solution Software

Data memory	
Real-time clock	yes; UTC, battery buffered
Accessories	
Accessory required	All male cordsets: 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; Contacts: 5	
	
1 TxD + 2 RxD + 3 TxD - 4 RxD -	
Electrical connection - USB	
Connector: 2 x M12; coding: B; Contacts: 5	
	
1 + 5 V DC 2 Data - 3 Data + 4 ID 5 GND	
Electrical connection - voltage supply	
Connector: 1 x AMP connector	
	
120 GND 114 L + 119 L + 121 L +	