

• **ANL201:**

*IP66 outdoor version  
pipe or wall mounting*

• **ANL201ADF:**

*ATEX explosion proof*



• **Display driven by numeric link**

*Ethernet , Wifi or RS485*

• **24Vdc Auxiliary power supply**

*48Vdc in option*

• **5 digits LED display**

*Red or green*



The ANL201 is a field mounted LED display for displaying variables driven by a communication bus. This device, very easy to use, has been designed for use in harsh environment (outdoor) or in explosive environment and offers a wide range of fixing ways.

• **Description :**

**Communication interface:** (depend of model)

Writing displayed value via the communication protocol :

- RS485 : Modbus , Profibus
- Ethernet or Wifi : Modbus TCP

**Features:**

- Cast aluminium head + epoxy painting  
(operating temperature  $-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$ )
- Multiple mounting ways :  
Swivel brackets for pipe mounting  
horizontal ou vertical (diameter to define)  
or wall mounting
- Protection rating IP 66
- wiring on spring terminal blocks
- internal electronic protection by conformal coating

Option ATEX (**ANL201-ADF**)

- certified explosion-proof housng according to EN50018 ,  
certificate ( ATEX 6097X/01 ).
- Approval CE 0081 II2G EExdIICT6.

**Display :**

- 5 digits LED display, 10mm high  
100000 points resolution.

**Auxiliary power supply :**

- 18Vdc.....36Vdc 2 Watts
- galvanic isolation power supply/communication

**Setting :**

- Network address configurable with push button  
(Do not carry out this operation on site if the device is used in hazardous area, the device must not be opened when it is supplied in hazardous area.)
- Configuration parameters saved in FLASH memory



Internal detail

Version and order code

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<b>ANL201/CM:</b>	RS485 MODBUS / JBUS link
<b>ANL201/CP</b>	RS485 PROFIBUS-DP link
<b>ANL201/CMTCP</b>	Ethernet MODBUS TCP (Rj45) link
<b>ANL201/CWMTCP</b>	WiFi MODBUS TCP link

**OPTION :**

- **ADF:** ATEX explosion-proof option

**COMMUNICATION**

Modbus RTU on RS485 from 1200 to 38400 bauds  
 Profibus DP on RS485 from 9600 to 1.5M bauds.  
 Wiring: 3 wires terminal block (A,B, GND)

Modbus TCP on Ethernet 10/100 base T (connexion RJ 45)  
 Modbus TCP on Wifi 802.11 b/g ( embedded antenna)  
 100m signal range on open field

**POWER SUPPLY**

18.....36 Vdc, < 150mA  
 reverse polarity protected

**ENVIRONMENT**

Operating temperature -20 to 60 °C  
 Storage temperature -10 to 85 °C  
 Protection rating IP66  
 Weight 1,5 Kg

Dielectric strength  
 (power supply / communication) 500 Vac continuous

*Electromagnetic compatibility 2014/30/UE / Low Voltage Directive 2014/35/UE*

Immunity standard for industrial environments EN 61000-6-2		Emission standard for industrial environments EN 61000-6-4
EN 61000-4-2 ESD	EN 61000-4-8 AC MF	EN 55011  group 1 class A
EN 61000-4-3 RF	EN 61000-4-9 pulse MF	
EN 61000-4-4 EFT	EN 61000-4-11 AC dips	
EN 61000-4-5 CWG	EN 61000-4-12 ring wave	
EN 61000-4-6 RF	EN 61000-4-29 DC dips	



**WIRING AND OUTLINE DIMENSIONS :**

