

• **ANL201:**

*IP66 outdoor version
 pipe or wall mounting*

• **ANL201ADF:**

ATEX explosion proof



• **Display driven by numeric link**

Ethernet , 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 :**

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 housings 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

Communication interface: (depend of model)

Writing displayed value via the communication protocol :

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



Internal detail

Version and order code

ANL201/CM:	RS485 MODBUS / JBUS link
ANL201/CP	RS485 PROFIBUS-DP link
ANL201/CMTCP	Ethernet MODBUS TCP (Rj45) 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 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

EN 55011

group 1
class A



WIRING AND OUTLINE DIMENSIONS :

