

SIREL Ex

Control Unit in Ex-Version For Color Plus Ex and DualScat Ex



Applications

- Turbidity monitoring in processes
- Absorption and colour monitoring in processes

Industries

- Chemical Industry
- Pharmaceutical Industry
- Beverage
- Petrochemical Industry

Advantages

- Simple installation using operating unit mounted in Ex-zone
- User comfort with fully functional display and keys in Ex-zone
- Enhances safety with encapsulated design
- Complete system integration

SIREL Ex

Control Unit in Ex-Version for ColorPlus Ex and DualScat Ex

Innovation with tangible benefit



Complete solution photometer with operating unit

The SIREL Ex in combination with the ColorPlus Ex or the DualScat Ex for a complete and functionally independent solution for the measurement of concentration, colour or turbidity in Ex-zones. This facilitates installation, start-up and operating of the whole assembly.



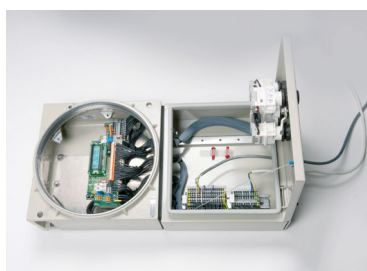
Display/operation during service

The design of the SIREL Ex offers all features of the standard SIREL while operating in the Ex-zone. This means that the display of the unit is visible through a safety window at any time. The buttons for menu selection and parameter setting are arranged as in the standard unit and continuously available for the same functionality.



Ex-certified cable glands

The terminals for power supply, signalling and measuring values are connected to the unit through Ex-certified cable glands and rubber plugs.



Encapsulated housing

The housing of the SIREL Ex is fully encapsulated and allows the operation in zones Ex de IIC. It is tropicalised and sea water proof and therefore suitable for almost any installation.

Technical data

Housing and connections:

Ex-category: 2 G
Temperature class: T5
Protection class: Ex de IIC

Installation:

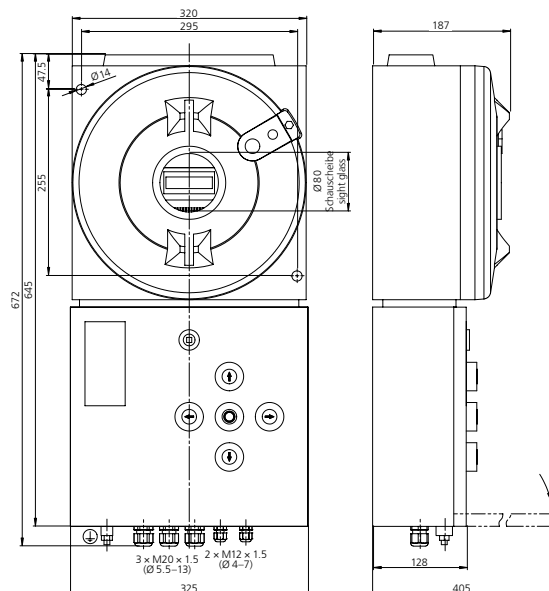
Wire cross section: max 2.5 mm²
max 4 mm² (PE)
Ambient temperature: -20 .. +50 °C
Ambient humidity: 0 .. 100% RH
Protection degree: IP66
Power supply: 85 .. 264 V, 47 .. 63 Hz
or 24 VDC

Power consumption max.: 25 W
Dimensions: 320 x 645 x 203 mm
(W x L x H)

Weight: ca. 25 kg
Surface: RAL 7032
2-components synthetic resin paint (sea water proof)

Operation:

Buttons: Ex d-type push buttons for menu, parameter selection, and data entry
Display: Display visible through safety window
Ex Certification: PTB 13 ATEX 1018X
IECEX BK1 13.0004X
EX NESPI GYJ 02109
Outputs: 2 x 0/4 .. 20mA
2 x Relays contacts



Your representative:



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