



SILAS Controller

Features

- Small configuration
- Easy to handle
- Separate purging gas input and output

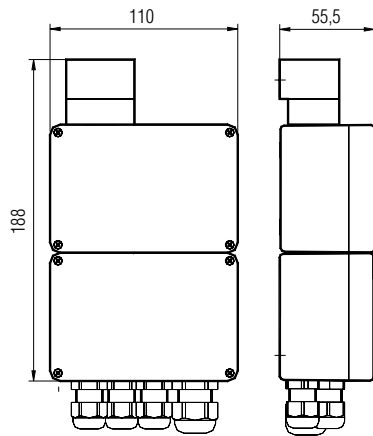
Description

The SILAS controller serves to monitor electrical operating equipment that is set up in accordance with the „pressurised apparatus with leakage compensation“.

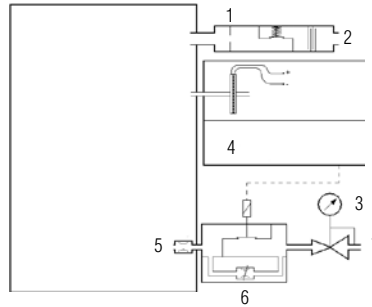
It is a complete safety device, which consists of a Type A7-3741-1110/*000 SILAS controller and a type 17-51P3-1604 pressure control device.

It is also necessary to have an optional digital purging gas valve to supply protective gas.

Dimensions

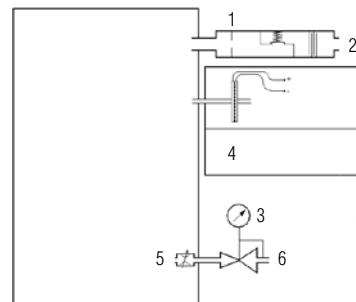


Solution variant pz



1. Pressure monitor module (17-51P3-1604)
2. Protective gas outlet
3. Pressure reducer (05-0056.)
4. SILAS controller (A7-3741-1100/000)
5. Purging air nozzle
6. Optional digital purging gas valve (e. g. 03-5110-00.)
7. Protective gas supply

Solution variant pD



1. Pressure monitor module (17-51P3-1604)
2. Protective gas outlet
3. Pressure reducer (05-0056-..)
4. SILAS controller (A7-3741-1100/000)
5. Purging air nozzle
6. Optional digital purging gas valve (e. g. 03-5110-00..)
7. Protective gas supply



➔ Explosion protection

Ex protection type/ambient temperature

- ATEX** II 3G Ex nA nC [pz] IIC T4 Gc
-20 °C to +60 °C
- II 3G Ex nA nC [pz] IIC T6 Gc
-20 °C to +40 °C
- II 3D Ex tc [p] IIIB T85 °C Dc

Certification

TÜV 09 ATEX 553359

IECEX Ex nA nC [pz] IIC T4 Gc

- 20 °C to +60 °C
- Ex nA nC [pz] IIC T6 Gc
- 20 °C to +40 °C
- Ex tc [p] IIIB T85 °C Dc

Certification

IECEX TUN 10.0030 X

See www.bartec.-group.com for more approvals and certification.

Approved for

Zone 2 and Zone 22

➔ Technical data

Operating elements

- LCD display
- 1 power switch
- 1 BCD switch for selecting parameters
- 3 buttons for changing parameters
- 3 LEDs for displaying switching relay status
- 1 bypass

Relay

1. Alarm relay (voltage-free)
2. Control relay for purge valve
3. Signal relay for status transmission

Supply voltage

- AC 230 V/50 to 60 Hz
- AC 115 V/50 to 60 Hz
- DC 24 V

Power consumption

max. 8 W

Ambient temperature

- Operation -20 °C to +40 °C (+60 °C)
- Storage -20 °C to +60 °C

Pressure range

0 to 25 mbar for all pressure switching levels

Purging time

0 to 60 min. (adjustable)

Weight

approx. 1.2 kg

Protection class

min. IP 54

Assembly

See operating instructions SILAS controller

Selection chart

Description	Rated voltage	Code no.
SILAS Controller	AC 230 V	1
	AC 115 V	2
	DC 24 V	4

➔ **Complete order no. A7-3741-1110/**

Please enter code number. Technical data subject to change without notice.

Order no. SILAS Accessories

Pressure monitor

Module Zone 2 or 22

17-51P3-1604