



AVENTICS ED07 EP-Pressure Controller ED07 290psi VDS Instructions

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Instructions

EP-Pressure Controller ED07 290psi VDS

This short instruction describes all operator control elements as LED and switches of the VDS pressure control valve ED07. For further information please refer to description 5610219900. This manual is available at AVENTICS and must be read thoroughly before installing and initial start-up of the module.

This device fulfils the category 3G and 3D according to ATEX directive 2014/34/EU. If the device is used in potentially explosive atmospheres attention has to be paid for the corresponding themes in the device description.

LED-Diagnosis

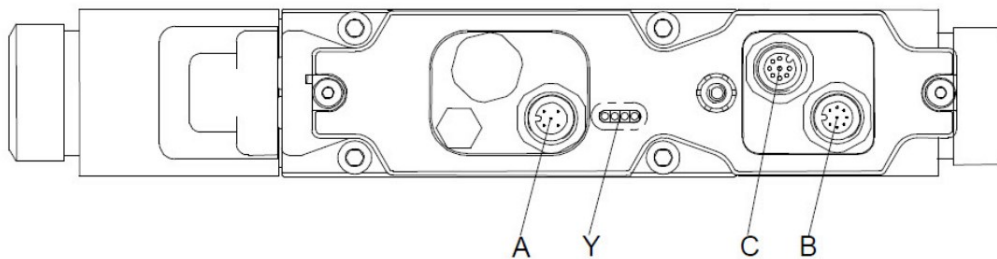


Plate	Color of LED	Meaning
OK	green	VDS communication OK
ERR	red	VDS communication NOT OK
24V	green	Power supply valve
24V	green	Power supply interface

Y: Status LED

Electrical Connections

- **A:** Power supply
- **B:** Data input VDS C: Data output VDS

Pin 1	24V Valve (ext. fuse M 2,5A)
Pin 2	0V Valve
Pin 3	n.c.
Pin 4	n.c.
Pin 5	FE

A: Power supply

The 0V of the pressure control valve has to be connected directly with the 0V of the Bus module

The pressure control valve is defined as equipment with low energy. It has to be supplied with electrical power from a power pack with over-voltage protection according to standard DIN EN 60079-15: 2011, paragraph 13.

Control Data

The Control data are described in the device description

Declaration of conformity valid until 2016, Apr. 19th)

in accordance with ATEX Directive 94/9/EC

The EMC directive 2004/108/EC also was applied

EU declaration of conformity valid from 2016, Apr. 20th)

in accordance with ATEX Directive 2014/34/EU and in accordance with the EMC directive 2014/30/EU

1. Apparatus model/Product: ELECTROPNEUMATIC PRESSURE CONTROL SYSTEM, EDO
2. Name and address of the manufacturer:
3. This declaration is issued under the sole responsibility of the manufacturer.
4. Object of the declaration EDO7, material number(s):
5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: as referred to in the headlines of this document
6. References to the relevant harmonised and other standards used:
7. notified body was not involved
8. Additional information:



The instructions in the Operation Manual are to be kept.

Explosive atmospheres — Part 0: Equipment — General requirements

Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection ,n* electrical apparatus

We reserve the right to make changes in the declaration. Presently applicable edition can be obtained upon request.

Signed for and on behalf of: AVENTICS GmbH

Laatzen	04.04.16		
Place	Date	Research and Development	Strategic Product Management

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Documents / Resources

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