



Electrical position indicator for angle seat/process Valve

P992238

PRESENTATION:

Some requirements for the correct functioning of the electrical position indicators of the angle seat valve:

- Care must be taken in transportation, stocking and installation of the angle seat valve.
- An adequate periodical maintenance has to be performed by trained and authorized personnel as per the accident prevention regulations; this will ensure a long lasting life of the product.
- Installation and maintenance must always comply with the safety regulations for the installation and operation of electrical systems.
- Operation of the device must always be in accordance with the operating instructions.



Special item-not standard

TECHNICAL CHARACTERISTIC:

Operating conditions

Setting range of limit switch

2 - 20 mm continuous

Ambient temperature

- 20° C to + 60°C

Protection class

IP 65 EN 60529

Materials

Housing cover

Polysulfone PSU

Housing base body

Polypropylene 30% GF PP

Bush

Stainless Steel

Operating spindle

Stainless Steel

Electrical connection

Supply voltage

230V AC

M 16 cable gland

Included

Cable diameter

4.5 ... 7 mm

Recommended cross section of wire

0.75 mm²

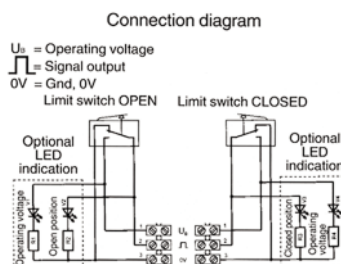
Function

Function OPEN/CLOSED

Switch

SPDT (Single Pole Double Throw)

Connection diagram



The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notification.

USAGE:

Can indicate two positions "OPEN" and / or "CLOSED". This feedback is done through two mechanical micro switches that open and close once the valve has reached the fully open or closed position. It can be used for linear actuated actuators increasing the safety and control of the systems involved where the angle seat valves are installed.

Please observe the instructions below to ensure perfect functioning of the products and follow the information on the products labels where the limits are shown. If the instructions and the general installation recommendations are not followed, warranty and product liability will cease.

Product must be always used in accordance with the instructions on the data sheet. No use of this device is allowed in potentially explosive areas. Not to be used outside of the stated working parameters.

The installation and operation must be in accordance with the relevant safety regulations. Designers, plant engineers and operators are always "responsible" for the positioning and installation of the device.

IMPORTANT

- The areas of responsibility should be defined in advance and the monitoring of the staff and their competence carried out by the operating personnel.
- Training of the staff is advisable in order to gain sufficient knowledge or - if necessary - training support can be requested from the manufacturer .
- Do not exceed the electrical and technical parameters (operating, technical and electrical data) of the valves. These are clearly stated in the technical documentation (data sheet etc.).
- Care must be taken to ensure this device does not interfere with other electrical equipment

Safety instructions must be adhered to to prevent damage to persons or property. Failure to observe the safety instructions may lead to default of claims.

ANNOTATION:

All information in these data sheet regarding all works on the device must be observed and duly applied. If the information is not observed, all the warranties rights and the manufacturer's legal liability will cease. The manufacturer shall undertake no responsibility for these position indicators if these safety instructions are not observed. If device is used in other countries with specific regulations, the local regulations must be observed and applied. When used in Europe, harmonised European norms and guide lines will apply.

No liability can be accepted for wrong assembly, incorrect operation and/or servicing.

- Local safety regulations which must be followed by the user also in relation to any additional maintenance personnel.

IMPORTANT If you have any questions, please don't hesitate to contact our sales office.

