



# KS-01/D

## Conductive Level Switches



## Features

/ Low-cost electrodes

/ sideways mounting

/ Easy to assemble

/ No mechanics

/ Low maintenance requirements

## Description:

The KS-01/KS-01D series of conductive level switches is intended for obtaining the level of conductive fluids in combination with an electrode relay (e.g. ER-01). In case of no fluid between the two electrodes of the KS-01D or the vessel and the electrode of the KS-01, the circuit, provided by the electrode relay, is open and no current flows. As soon as liquid connects the electrodes, a flow of current is picked up by the electrode relay which transmits a switching signal. The KS-01 includes just one electrode, which is insulated against the vessel. The KS-01D contains two electrodes, both flush mounted in a plastic thread from polypropylene.

## Application:

- for determining limit level in vessels with conductive fluids
- full or empty reporting
- level controlling between two levels
- overload security
- dry-run protection



## Technical Spec. KS-01:

**Screw fit electrode /** stainless steel V2A with Teflon socket

## Technical Spec. KS-01D:

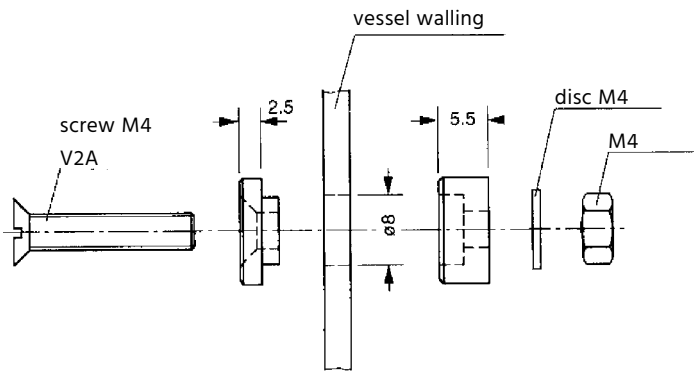
**max. Pressure /** 6 bar

**max. Media temp. /** -5...+60°C

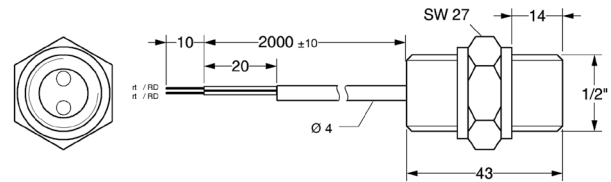
**Process connection /** G 1/2"-male

**Electrical connection /** 2 m infused cable PVC,  
2 wire, 0,25 mm<sup>2</sup> each

## Dimensions KS-01 in mm:



## Dimensions KS-01D in mm:



## Ordering Codes:

<b>Order number</b>	<b>KS-01.</b>	<b>1</b>
<b>KS-01 Screw fit electrode</b>		
<b>Material /</b>		
1 = stainless steel / teflon		

## Ordering Codes:

<b>Order number</b>	<b>KS-01D.</b>	<b>1</b>
<b>KS-01D Level switch</b>		
<b>Material /</b>		
1 = stainless steel / polypropylene		