

PIPING SWITCH VPŠ

Use and description:

Piping switch **VPŠ** (hereinafter only switch) is a distributing fitting used at piping transport of high density slurries (e.g. diluted slurries) on points where it is necessary to have two transport directions. The advantage of using the winch for distribution is especially that no "hollows" occur in broken out piping line, in which, especially when transporting solidifying mixtures the clogging of piping can occur.

The winch consists of following main parts:

- switch body
- gate way device
- sealing mechanism
- high pressure hose
- control device of entry pipe connection with hose and output pipe of I. and II. direction

The change of direction is made by hand through gate way with control mechanism for position I or II. After flow direction change the sealing mechanism is re-tightened.

Based on separate order it is possible to deliver the winch equipped with linear pneumatic or hydraulic motor enabling the remote control.



Characteristics:

Type		VPŠ
Max. pressure of transported medium	MPa	4
Piping ID -DN	mm	100
Dimensions (w x h x l)	mm	560x420x1 833
Max. temperature of transported medium	°C	60
Weight	kg	170.0
Control system		mechanical – hand

Type marking:

VPŠ
VPŠ PIPING SWITCH WITH GATE WAY

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.