

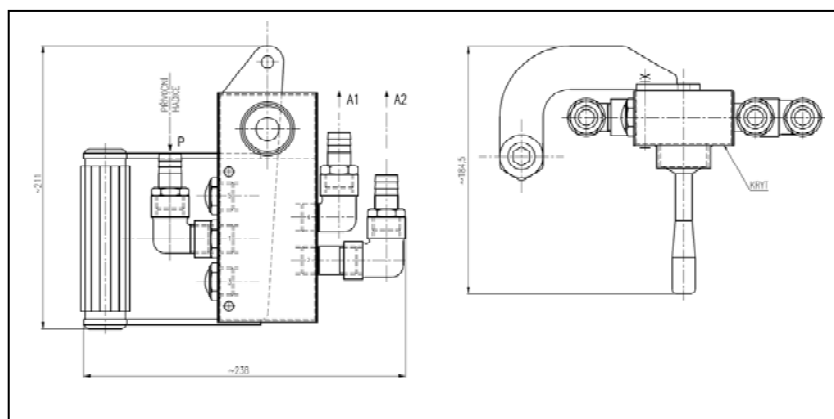
PNEUMATIC PENDANT CONTROLLER OPZ 1

Use and description:

Pneumatic pendant controller **OPZ 1** (hereinafter only controller) is a pneumatic device for controlling of various pneumatic equipment drives (e.g. lifting equipment type MZP 1,6t or 3,2t (product of the KOEXPRO OSTRAVA a.s. company). This pneumatic controller is possible to use for feeding the clean (prepared) pressure air.

The controller consists of following main parts: holder, control valve, pneumatic distribution system and cover. The holder is used for fastening the control valve and fittings for distribution. It is covered with a rubber layer. Using the chain us usually hanged on the equipment to be controlled. The control valve is the lever one with connection G $\frac{1}{2}$ ". There are 3 positions – 1(middle – zero) and 2, 3 for two movement directions of the driving unit (up - down or forward- backward). The movement of the lever to the zero position is through a spring.

The cover protects the control valve manufactured from the aluminium alloy. To use them is necessary in I M2 and II 2G atmospheres, in normal atmospheres (incombustible) it is not necessary to use it.



OPZ 1

Characteristics:

Type		OPZ 1
Max. air pressure	MPa	0.6
Max. air flow rate	m ³ .min ⁻¹	4
Connection to compressed air source	mm	DN 16
Connection hose ID (A1, A2)	mm	DN 16
Dimensions (l x w x h)	mm	238x184.5x211
Weight (with/without cover)	kg	3/3.34

Type marking:

OPZ
OPZ PNEUMATIC PENDANT CONTROLLER
1 type

The product has been designed and constructed as the equipment group I (mine), category M2 and equipment group II (mine surface installations) category 2 according to the Directive 94/9/EC-ATEX of the European Parliament and the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 and "zone 1" according to EN 1127-1 on condition that all national regulations are fulfilled by the employer.

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