

OH44 / OH45

hex 27 ATEX

Diaphragm or piston pressure switch up to max. 250 V with ATEX for hydrogen applications

ATEX CE II 2G Ex db IIC T6/T5 Gb (gases and vapors, zones 1 + 2)

ATEX CE II 2D Ex tb IIIC T80°C/T100°C Db (dusts, zones 21 + 22)

ATEX CE I M2 db I Mb (mining)

Approval according to IECEx system

- Housing made of stainless steel 1.4404 (AISI 316L)
- Max. voltage 250 V, IP65, protection class 2, protective insulation
- Overpressure proof up to 300 / 600 bar*.



P _{max} in bar	Setting range in bar	Tolerance at room temperature in bar	External thread	Article number
-------------------------	----------------------	--------------------------------------	-----------------	----------------

OH44 Diaphragm pressure switch

300*	0,3 – 1,5	±0,2	G1/4-E ISO 1179-2	0H44 - 457 41 - 2 - 020
	1 – 10	±0,5 – 1,0		0H44 - 458 41 - 2 - 020
	10 – 20	±1,0		0H44 - 459 41 - 2 - 020
	20 – 50	±2,0		0H44 - 461 41 - 2 - 020

OH45 Piston pressure switch

600*	50 – 150	±5,0	G1/4-E ISO 1179-2	0H45 - 460 41 - 2 - 020
------	----------	------	-------------------	-------------------------

Sealing materials - areas of application

EPDM	Hydrogen, oxygen, water, forming gases, all inert and non-toxic gaseous or liquid media **	2
-------------	--	----------

* Static value. Dynamic value 30 to 50 % lower.
 ** We offer other seal and material combinations for numerous media.

⁽¹⁾ Piston pressure switch
⁽²⁾ Diaphragm pressure switch

