

Motor Purge Valve MPV for MPC System

datasheet



The motor purge control system consisting of an MPC Motor Purge Controller and an MPV Motor Purge Valve (outlet valve) is a unit which allows the safe operation of electric motors in hazardous environments.

The explosion protection is ensured by means of a pressurised enclosure with leakage loss compensation. The Motor Purge Control System monitors, controls and regulates the supply of purge gas to the Ex p motor. Any faults that arise within the system or during the supply of purge gas will be reliably reported and deactivated by a safe disconnection of the Ex p motor.

Technical data

Construction	valve-controlled outlet for MPC
Varnish	RAL 7035
Enclosure material	stainless steel (sheet steel on request)
Protection class	IP 65
Pressure relief	integrated, opens at 50 mbar
Connections	2 x pipe connection 10 mm
Mounting	horizontal or vertical
Flying spark and particle barrier	integrated
Flow rate	0 to 180 m ³ /h at MPV 2 with MPC 2 0 to 450 m ³ /h at MPV 3 with MPC 3
Connection flange	DIN2633 NW 50 PN16 (MPV 2) DIN2633 NW 100 PN16 (MPV 3) (Dimensions and details see Operating Instructions)
Ambient temperature	-30 °C to +60 °C (-50 °C to 60 °C on request)

Ordering information

1 7 - 5 1 P 3 - 3 * 0 3 / 0 0 0 0
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A System MPC
8 – MPV 2
9 – MPV 3

Please enter code number.

Dimensions in mm