


Description

Coil for solenoid diaphragm valves used in dust collector applications, using compressed air in blowing system for reverse pulse jet filter cleaning. The solenoid is a device that converts electrical energy into mechanical movement, in the diaphragm valves the plunger is the part of the solenoid which is moved by the armature, on energization of the coil. Solenoid valve can be mounted in any position, vertical with coil upwards preferred.



Technical Features

Nominal voltage	24 VAC 50-60VHz ($\pm 10\%$) 110 VAC 50-60VHz ($\pm 10\%$) 230 VAC 50-60VHz ($\pm 10\%$) 12 VDC ($\pm 10\%$) 24 VDC ($\pm 10\%$)
Power absorption at 20°C	19VA AC working 18W DC working, standard version 12W DC working, low energy consumption type
Operating temperature	-20°C ÷ +80°C
Protection class	IP65 with DIN 43650 valve connector form A
Copper wire class	H maximum temperature 180°C according to IEC 85
Isolation class	F (155°C) Std H (180° / 200°C) according to CEI EN 60034-1
Electric connections	3 x 6.3mm leads pins for fittings to DIN 43650 form A connector
Waterproof level	IP65 with DIN 43650 valve connector form A
Body overmoulded	Nylon fiberglass reinforced
	Available with AtEx Zone 22 

Dimensional Drawing
