

SOLENOID VALVE FOR USE IN HAZARDOUS LOCATIONS (ATEX)

SERIES: N  

The following M&M valves can be fitted with explosion-proof operators, class EEx m II 2GD T4.

D223 - D224 - D225	⇒ see page 04
D262/263	⇒ see page 11
D362/363	⇒ see page 16
D298/D299	⇒ see page 35
D204 ÷ D222 (SS and brass)	⇒ see page 38
D326	⇒ see M&M Piston Valves Catalogue

- Assisted lift version not available
- Manual override and NO version not available
- MAX orifice available Ø 3 mm
- The ATEX operator performance is restricted to a maximum of 10 barg

OPERATOR TECHNICAL SPECIFICATIONS

Operator material: stainless steel
Seal material: FKM

COILS TECHNICAL SPECIFICATIONS

Coils are supplied with a 3 m power cable only, wired on a non-removable plug
Cable type : H05V2V2-F 3G1
Protection class: IP 65
Insulation class: "F" EN 60730
Voltage tolerance: -10% ÷ +10%
Operation: continuous
Protection class: EEx m II 2GD T4



e. g. code D262DVC 24v DC (OPD 24 bar MAX) with ATEX operator ⇒ **N262DVC N253** (OPD 10 bar MAX)

SELECTION TABLE	CODE	voltage	power holding	insulation class	room temperature		media temperature		ED	fuse ^①
					min	max	min	max		
	N253	24v DC	10,1 w	F	-20°C	+50°C	-20°C	+80°C	100%	800
	N203	24v 50/60Hz	7,2 VA							800
	N403	110v - 50Hz	9,1 VA							200
	NK03	120v - 60Hz	8,6 VA							200
	N703	230v - 50Hz	8,5 VA							100

SAFETY WARNING

① A mains fuse or equivalent means of protection (breaking value shown on the table above for each coil type) must be installed on the mains supply line. Absence of mains protection is a non conformity to safety standards (EC Directives 94/9/EC and 1999/92/EC) and is a possible cause of explosion.

② The Ex approval is only valid for complete solenoid valves supplied ex factory.

Repairs may be performed by the manufacturer only (a valve is a closed system according to Directive 94/9/EC).

Special versions available upon request. Please contact the M&M Sales Department for more detailed information.