



ATEX PNEUMATIC COMPONENTS



Group II														
Zones 1 - 21														
Cylinders without magnetic position detectors			Air operated valves				Solenoid air operated valve		Air service equipment					
Ta 40°C T85°C (T6) Ta 60°C T100°C (T5)			Ta 40°C T85°C (T6) Ta 60°C T100°C (T5)		Ta 60°C T85°C (T6)		Ta 50°C T85°C (T6) Ta 60°C T85°C (T6)		T5..T3 (G) 100°C-200°C (D)		T85°C (T6)			
VDMA/ISO 6431/15552 standardised		ISO 6431 compatible	ISO 1, 2 & 3	Non standard	ISO sizes 02-01	Non standard	Spool valve with integrated pilot 860 to 3800 l/min		Filters	Regulators	Lubricators	FR + L	Shut off valve	Soft-start system
with tie-rods	with profiled barrel	compact	Spool valves	Poppet valves	Spool valves	Spool valves			Connections G 1/4 - G - 3/8 - G 1/2 - G 3/4					
Ø 32 to 200 mm	Ø 32 to 100 mm	Ø 32 to 100 mm	Flow rate 1400 to 7000 l/min	Flow rate 210 to 840 l/min	Flow rate 500 to 950 l/min	Flow rate 860 to 3800 l/min			Filtration: 25 µm options 0.01 - 5 - 10 - 50 µm	Regulation 0,5 to 10 bar Max. flow 3000 l/min	Selective oil fog Bowl capacity 7 cl	Compact unit Max. flow 3000 l/min	Solenoid air operated version with CNOMO size 15 or 30 pad-mounted pilot	
450	453	449	541-542-543	263 - 264	538 - 539	551 - 552 - 553		342						
Zones 0-20		Zone 1	Zones 1 - 21			Zones 2-22		Zone 22		Zones 0-20, 20, 2-22, 22		Zones 1 - 21		
Pilots for solenoid air operated valves and shut off valves								Solenoid air operated valve		Magnetic position detectors		Assembly delivered mounted (i.e.: solenoid air operated valve on cylinder + detector)		
II 1 G Ex ia IIC II 1 D Ex iaD 20	II 2 G Ex ia IIC II 2 G Ex ia IIB	II 2 G Ex d IIB + H2 II 2 D Ex tD A21	II 2 G Ex mb II II 2 D Ex mD 21	II 3 G Ex nA II 3D Ex tD A22	II 3 D IP65			II 1 GD EEx ia IIC, II 1 D IP65 II 3 GD EEx nA IIC, II 3 D IP65	II 2 GD					
T6..T4 (G) 85°C..135°C (D)	T4/T6 (G)	T6-T4 (G) 85°C-135°C (D)	T4-T3 (G) 135°C-200°C (D)	T6..T4 (G) 85°C..135°C (D)	85°C - 100°C		85°C 200°C	85°C - 100°C						
ISO 15218 (CNOMO Taille 15)	ISO 15218 (CNOMO Size 30)			ISO 15218 (CNOMO Taille 15)	ISO 15218 (CNOMO Size 30)		Spool valve	Compact magnetic detector Reed switch or magneto-resistive type						
11 l/min 0.5 W	0,31 l/min 0.5 W	1,8 l/min 12 W	56 l/min 6 W	39 l/min 0.5 W	56 l/min 2.5 W	84 l/min 3 W	3800 l/min 7 W							
Spade connector	Spade connector	Screw terminal	Moulded in metal casing	Spade connector	Moulded coil									
302	195	374	189/PV-EM5	302	189	190	551 - 552 - 553	881		This assembly is delivered mounted (except detector) with: • Assembly's declaration of CE conformity • General Installation and Maintenance sheet • Installation and Maintenance sheet, declaration of CE conformity and installation instructions of each product				