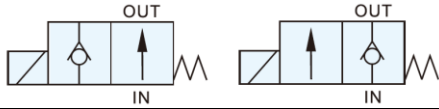


Media: acid – alkali - water –light oil  
 (Not suitable for vacuum)  
 Pressure range: 0 to 3 Bar max  
 Media temperature: -10°C to +90°C max  
 Ambient temperature: -10°C to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: any position



# 2/2 PTFE

## 1/4 – 1/2 DRY-ARMATURE

### NORMALLY CLOSED & OPEN

### 2 WAY ZERO RATED

0 – 3 Bar

## TYPE PE220 + PE220N



#### PRESSURE

Ø Port BSP	Orifice Ø (mm)	Coil	Flow Kv Ltr/min	Function	Pressure Rating (Bar) ΔP		Part Number
					Min	Max	
1/4	5.0	22003	7.1	Normally Closed	0.1	1	PE22002T + voltage
3/8							PE22003T + voltage
1/2							PE22004T + voltage
1/4		22005			0	3	PE22002H + voltage
3/8							PE22003H + voltage
1/2							PE22004H + voltage
1/4	5.0	22003	7.1	Normally Open	0.1	1	PE220N02T + voltage
3/8							PE220N03T + voltage
1/2							PE220N04T + voltage
1/4		22005			0	3	PE220N02H + voltage
3/8							PE220N03H + voltage
1/2							PE220N04H + voltage

#### OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A	<b>Included</b>
ATEX 22003EX Coil: ATEX EExmII T II 2G & 2D IP65 T130°C (0.5 Bar Max)	

#### ELECTRICAL DATA

	Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	12 - 24 - 110 - 230 (50/60 Hz - rectified)	22003	22VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 - 48 (DC)		15 Watts				
~	24 - 110 - 230 (50/60 Hz – rectified)	22005	33VA	24VA			
=	24 - 110 – 220 (DC)		18.5 Watts				

#### CONSTRUCTION

Body: PTFE (all wetted parts in contact with media PTFE)  
 Tube and internal parts: Stainless steel (Dry armature)  
 Seal: PTFE encapsulated NBR  
 Test pressure: 1.5 Bar H series 4.5 Bar

#### REPAIR KIT

Coil (Not interchangeable)	Coil size (22003 or 22005) + voltage
Diaphragm	SP + Valve Part Number - DIAPHRAGM
Armature	SP + PE220 (T, NT, H or NH) - Armature

#### OVERALL DIMENSIONS

	(mm)
Port	1/4 3/8 1/2
A	50
B	21
C	105.5
D	30 or 36
Kg	0.44

