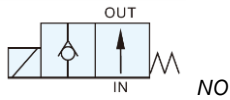


Media: air – water – light oil - vacuum  
 Pressure range: 0 to 7 or 12 Bar max  
 Media temperature: -40°C to +150°C max  
 Ambient temperature: -20°C to +60°C max  
 Media viscosity: 50 centistokes max  
 Mounting: coil upright  
 Opening / Closing Time: 50 mSec Max



# 2/2 Brass

## 3/8 – 1”

### NORMALLY OPEN

### 2 WAY ZERO RATED

### 0 - 7 or 0 - 12 Bar

## TYPE NOPU220



#### PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Min	Pressure Rating (Bar)			Seals	Max Media Temp. °C	Part Number
				AC Coil		DC Coil			
				15 Watt	18.5 Watt	18.5 Watt			
3/8	13	35	0	7			NBR FKM EPDM	80 120 150	NOPU22003 + voltage NOPU22003V + voltage NOPU22003E + voltage
1/2	13	35	0	7			NBR FKM EPDM	80 120 150	NOPU22004A + voltage NOPU22004AV + voltage NOPU22004AE + voltage
3/4	20	72	0	7			NBR FKM EPDM	80 120 150	NOPU22006A + voltage NOPU22006AV + voltage NOPU22006AE + voltage
1	25	183	0	7			NBR FKM EPDM	80 120 150	NOPU22008A + voltage NOPU22008AV + voltage NOPU22008AE + voltage
3/8	13	35	0		12	12	NBR FKM EPDM	80 120 150	NOPU22003 + voltage +18W NOPU22003V + voltage+18W NOPU22003E + voltage+18W
1/2	13	35	0		12	12	NBR FKM EPDM	80 120 150	NOPU22004A + voltage+18W NOPU22004AV + voltage+18W NOPU22004AE + voltage+18W
3/4	20	72	0		12	12	NBR FKM EPDM	80 120 150	NOPU22006A + voltage+18W NOPU22006AV + voltage+18W NOPU22006AE + voltage+18W
1	25	183	0		12	12	NBR FKM EPDM	80 120 150	NOPU22008A + voltage+18W NOPU22008AV + voltage+18W NOPU22008AE + voltage+18W

#### OPTIONS

22003 IP65 CE Approved Coil & Connector PG9 – DIN 43650 A Connector  
 ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C (Max ΔP 3 Bar)  
 NPT Thread  
 Seals: NBR, (Optional FKM, EPDM or HNBR)

#### ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
~	=		Inrush	Holding			
~	12 - 24 - 48 - 110 - 240 - 380 (50/ 60 Hz)	22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
=	12 - 24 - 48 - 110 – 220 (DC)		15 Watts				
~	24 - 48 - 110 - 240 - 380 (50/ 60 Hz)	22005	33VA	24VA			
=	12 - 24 - 48 - 110 (DC)		18.5 Watts				

#### CONSTRUCTION

Body: Forged Brass SS41  
 Tube and internal parts: Stainless steel  
 Seals and gaskets: NBR (Optional EPDM , FKM or HNBR)  
 Nass Magnet Moulded coil: DuroPlast / ThermoSet Resin

#### REPAIR KIT

Diaphragm seal	22004, 22006 or 22008 + seal material
Coil	Coil size (22003 or 22005) + voltage
Complete plunger assembly	225320 + seal material

#### OVERALL DIMENSIONS

Model	NOPU22003	NOPU22004A	NOPU22006A	NOPU22008A
Port R	3/8	1/2	3/4	1
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0
Kg	0.74	0.715	0.945	1.485

