

For neutral gaseous and liquids
Indirectly, solenoid actuated
Diaphragm valve
PN16
Operating pressure 0,1 to 16/10 bar

Description

Function : normally closed only
Flow direction : determined
Fluidtemperature : T5: -10 up to +40°C
T4: -10 up to +50°C
Ambient temperature : T5: -10 up to +40°C
T4: -10 up to +50°C
Mounting position : preferably solenoid vertical on top

For contaminated Fluids insertion of a strainer is recommended
(see accessories)

Material

Valve body : Brass
Valve cover : Brass
Seat seal : NBR
Internal parts : Stainless steel, PVDF Brass

Features

- Compact Design
- High flow rate
- Damped operation
- IECEx Certificate

Characteristic data

ND	Port Size	Operating pressure for Fluids up to 25 mm ² /s (cSt) [bar]		Kv - value Base: m ³ /h	Weight [kg]	Code No. DC		Code No. AC	
		min.	max.			Valve	Solenoid	Valve	Solenoid
8	G1/4	0,1	16	1,9	1,0	82400 00. 4270		82400 00. 4271	
10	G3/8	0,1	16	3,0	1,0	82401 00. 4270		82401 00. 4271	
12	G1/2	0,1	16	3,8	1,1	82402 00. 4270		82402 00. 4271	
20	G3/4	0,1	16	6,0	1,2	82403 00. 4270		82403 00. 4271	
25	G1	0,1	16	9,5	1,5	82404 00. 4270		82404 00. 4271	
32	G1 1/4	0,1	10	23,0	3,3	82405 00. 4270		82405 00. 4271	
40	G1 1/2	0,1	10	25,0	3,1	82406 00. 4270		82406 00. 4271	
50	G2	0,1	10	41,0	4,4	82407 00. 4270		82407 00. 4271	

Solenoid:

Designation: Solenoid 4270 (8.9W) / 4271 (10VA)
Solenoid 4280 (11.4W) / 4281 (15.2VA)
Voltage: DC/AC
Prot.class: II 2G Ex emb IIC T4/T5 Gb
II 2D Ex tb IIIC T130°C Db IP66
M20 x 1.5 cable gland (excluded)

Option:

XXXXX 03.XXXX (FPM)
XXXXX 14.XXXX (EPDM)

