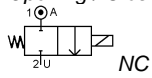


Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 15 Bar max
 Media temperature: 120°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 40 centistokes max
 Mounting: any position
 Weight (including coil) 125 g
 Opening / Closing: 10-20 mSec Max



2/2 Stainless

1/8

NORMALLY CLOSED

2 WAY DIRECT ACTING

0 – 15 Bar


TYPE HA



PRESSURE

Ø Port BSPT	Ø Orifice (mm)	Flow Kv Ltr/Min	Pressure Rating (Bar) ΔP				Seals	Max Media Temp °C	Part Number	
			Min	AC Max	DC Max	ATEX AC Max				ATEX DC Max
1/8	1.6	1.43	0	15	10	7.5	5	VITON NBR EPDM	80 50 120	HA1BV + voltage HA1BN + voltage HA1BE + voltage
	2.4	3.0	0	9	5	4.5	2.5	VITON NBR EPDM	80 50 120	HA1CV + voltage HA1CN + voltage HA1CE + voltage

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 B
 IP65 Coil with 30 cm Flying lead
 NPT Thread
 ATEX EExmIIT4 II 2G & 2D IP65 T130°C 
 Steel coil retaining nut

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
~	=		Inrush	Holding			
~	12 - 24 - 48 - 110 - 230 (50/60 Hz)	22001	11.6 VA	8.5 VA	F 155°C	IP 65 with connector	3 spades DIN 43650B DIN 40050 VDE 0110
=	6 - 12 - 24 - 48 - 110 (DC)		4.8 Watts				

CONSTRUCTION

Body: AISI303 Stainless steel
 Tube and internal parts: AISI 304 stainless steel
 Head & plunger: 430Fr Stainless steel
 Shading ring: Copper
 Seals and gaskets: Viton (Optional EPDM & NBR)
 Moulded coil: Resin

REPAIR KIT

Coil	22001 + voltage
Complete plunger + O' rings	KIT + valve part number

OVERALL DIMENSIONS

