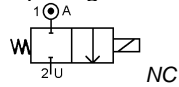


Media: Cryogenic liquids & gases
 Pressure range: 0 to 200 Bar max
 Media temperature: -196°C to +100°C max
 Ambient temperature: +50°C max
 Media viscosity: 40 centistokes max
 Mounting: Coil upright
 Weight (including coil): 450 g
 Opening or closing time: 20 mSec max



2/2 Cryogenic

1/8 – 1/4

NORMALLY CLOSED 2 WAY DIRECT ACTING

0 – 200 Bar

TYPE WCRYO



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/min	Pressure Rating (Bar)		Seals	Part Number
			Min	Max		
1/8	0.6	0.2	0	200	PTFE	W0.680CRYO + port + voltage
	0.8	0.3	0	120		W0.880CRYO + port + voltage
	1	0.5	0	50		W180CRYO + port + voltage
	1.2	0.67	0	40		W1.280CRYO + port + voltage
	1.5	0.95	0	30		W1.580CRYO + port + voltage
1/4	2	1.6	0	20		W280CRYO + port + voltage
	2.5	2.3	0	13		W2.580CRYO + port + voltage
	3	3	0	10		W380CRYO + port + voltage
	4	5	0	5		W480CRYO + port + voltage
	5	7	0	3		W580CRYO + port + voltage

OPTIONS

IP65 Coil + Connector PG9 – DIN 43650 A
 NPT 1/8 + 1/4 Thread

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 12 - 24 - 48 - 110 - 230 (50 or 60 Hz)	31400HT	48 VA	24 VA	H 185°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110

CONSTRUCTION

Body: Brass
 Tube and internal parts: Stainless steel
 Seals and gaskets: PTFE
 Moulded coil: Resin
 Suitable media: Liquid helium, hydrogen, neon, nitrogen, oxygen, air or Freon

REPAIR KIT

Coil	31400HT + voltage
Complete plunger + O' rings	KIT + WCRYO

OVERALL DIMENSIONS

