

## FLANGED & COUPLING CONNECTION INTEGRAL PULSE VALVES

2/2 Wav Pilot Operated G11/2" - G1", G2" - G11/2" PL1070

**Normally Closed** 

### **GENERAL FEATURES**

- TORK series PL1070 flanged and compression fittings pulse valves are 2/2 way normally closed.
- Suitable for air
- G 11/2" and G 2" connection
- The pulse valves are especially designed for dust collector service application or similar
- Compact design, high reliability, flow rate, quality and performance; long life.
- . Extremely fast opening and closing
- Working Temperature:-20°C...80°C
- Minimum operating differential pressure 0,5 bar
- On request; with electronic timer
- Some application; dust filters, bunkers, dust extractors, electrostatic painting cabinets
- · Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Pulse valves must be used with filtered fluids.
- Pulse valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.

## **ELECTRICAL CHARACTERISTICS**

ED %100 Continuous Duty Coil Insulation Class : H (180°C)

: Polyester Fiber Glass : Fiber Glass Reinforced : from -20°C...80°C Coil Impregnation Coil Encapsulation Material Ambient Temperature

: IP 65 (EN 60529) with coil duly fitted with the plug connector : DIN 46340 3-poles connectors (DIN 43650) : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø 6-8 mm) Protection Degree Electric Plug Connection

Connector Specification Electrical Safety

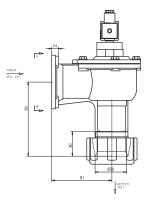
IEC 335

For AC 12V, 24V, 48V, 110V, 230V For DC 12V, 24V, 48V, 110 V Standard Voltages

Other voltages on request; Voltage Tolerances

: ±10% : 50 / 60 Hz Frequency On request; connector with LED Specify coil voltage with order

PL1070 (N.C)



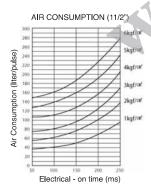
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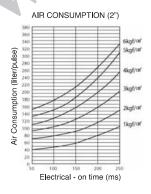
**ROHS** 

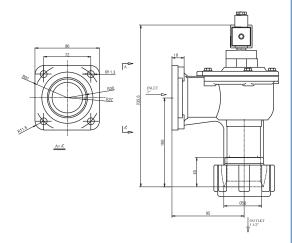
# **MATERIALS IN CONTACT WITH FLUIDS**

: Die Cast Aluminium Body Internal Parts Stainless Steel and brass

Sealing NBR Shading Ring : Copper Seats Aluminium Core Tube Stainless Steel Springs Stainless Steel







| Valve Type /<br>Order no | Connection<br>Size | Orifice<br>size | Pressure<br>min max |     | KV     | Fluid<br>Temperature |    | Seal | Weight |
|--------------------------|--------------------|-----------------|---------------------|-----|--------|----------------------|----|------|--------|
| PL1070                   | G                  | mm              | bar                 | bar | lt/min | °C<br>min max        |    |      | (kg)   |
| PL1070.05                | 1 1/2" - 1"        | 25              | 0.5                 | 8   | 560    | -20                  | 80 | NBR  | 1.26   |
| PL1070.07                | 2"-11/2"           | 44              | 0.5                 | 8   | 984    | -20                  | 80 | NBR  | 2.06   |