

## Goyen Series 4 Pilot Valve Options for Integral Pilot (CA) Applications



### RCA3DM Pilot Valve

#### Description

The RCA3DM is a pilot valve with an integral silencer and dust shroud which mounts directly (screw in) to the 4 series valve cover. The Dimensional diagrams can be found on Page 11 of this brochure.

#### Construction

**Encapsulation:** PA-6

**C-Frame:** Mild steel zinc nickel plated

**Bobbin:** PA-6

**IP Rating:** IP64

**Insulation class:** B/130°C

**Rating:** Non-continuous use only

**Clip:** Mild steel (mechanically plated)

#### Operation

**Recommended on time range:** 50-500ms

**Recommended time between pulses:** 1 minute or greater

#### Certification and Conformities

- C-Tick
- EMC (89/336/CE)
- LV
- CSA

#### Spare Parts:

K0380 – Kit includes Nitrile replacement seal, armature, spring and ferrule.

K0384 – Kit includes Viton replacement seal, armature, spring and ferrule.

Please refer to page 3 of the Pilot valves and Nema 4 Enclosures brochure for replacement coil options.

#### Product Performance

Flow	Maximum Working Pressure	Minimum Working Pressure	Temperature Min	Temperature Max	Fluid Media
0.32 Cv	860 kPa	0 kPa	-40°C	82°C	Air or inert gas
0.27 Kv	125 psi	0 psi	-40°F	180°F	

#### How to Order

Part Code	RCA3DM-301
Valve Type	RCA - Pilot valve - Remote controlled air
Pilot Size	3 - 1/8" Pipe Thread
Body Style	DM - Male inlet, R 1/8" thread, suits all Series 4 RCAC valves
Coil Series	3 - Goyen 'Q' coil

#### Order Code and Electrical Characteristics

Model	Connection Type	Protection Class	Voltage	Power
300	DIN 43650A	IP64	200/240V 50/60Hz	23.1 VA
301	DIN 43650A	IP64	100/120V 50/60Hz	19.8 VA
302	DIN 43650A	IP64	24V 50/60 Hz	23.1 VA
303	DIN 43650A	IP64	110VDC	24 W
304	DIN 43650A	IP64	48VDC	20 W
305	DIN 43650A	IP64	24VDC	20 W
306	DIN 43650A	IP64	12VDC	20 W
310	Conduit (M20x1.5)	IP31	200/240V 50/60Hz	23.1 VA
311	Conduit (M20x1.5)	IP31	100/120V 50/60Hz	19.8 VA
312	Conduit (M20x1.5)	IP31	24V 50/60 Hz	23.1 VA
313	Conduit (M20x1.5)	IP31	24VDC	20 W
314	Conduit (M20x1.5)	IP31	12VDC	20 W
320	Conduit (1/2" NPSC)	IP31	200/240V 50/60Hz	23.1 VA
321	Conduit (1/2" NPSC)	IP31	100/120V 50/60Hz	19.8 VA
322	Conduit (1/2" NPSC)	IP31	24V 50/60 Hz	23.1 VA
323	Conduit (1/2" NPSC)	IP31	24VDC	20 W
324	Conduit (1/2" NPSC)	IP31	12VDC	20 W

**For Remote Pilot (RCA) Applications, Please refer to the Pilot Valves and Nema 4 Enclosures brochure.**