PILOT VALVE BOXES

RCP RLD SERIES HOW TO ORDER

PILOT VALVE BOXES ACCORDING TO

ATEX II 3D T100°C
IP66 NEMA 4 UL50

Turbo offer a range of pilot valve boxes for outdoor applications and hazardous locations.

Model available:

- **RCP maximum lenght of pilot tubes 3m**
- **RLD maximum lenght of pilot tubes 10m**

Tubes 6 or 8 mm should be used for pneumatic connections to the pulse valves.
Pilot valve boxes are supplied with pre-wired electric common terminals.

Thermostat with heater is recommended to prevent moisture or freezing inside of pilot valve boxes.

ORDERING *example* RCP 5 V/... R

RCP : PILOT VALVE BOX IP 66
RLD : PILOT VALVE BOX IP 66

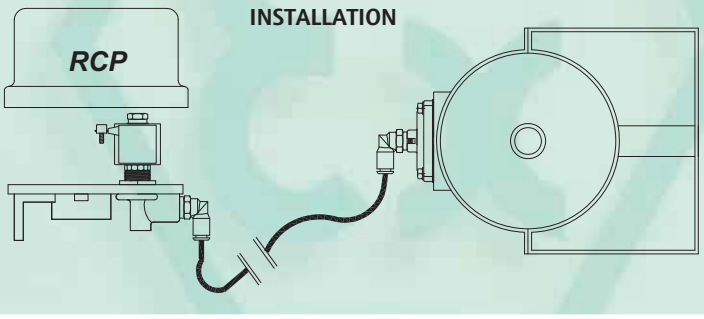
NUMBER OF PILOT VALVES
RCP 1-2-3-4-5 (Small size)
RCP 6-7-8 (Medium size)
RCP 9-10-11-12 (Large size)

VOLTAGE

24V	50-60Hz	= 02450
110V	50-60Hz	= 11050
220V	50-60Hz	= 22050
24Vcc		= 024DC

Heater with thermostat *(option)*
Power 70W for RCP5
Power 120W for RCP8 e RCP12

INSTALLATION



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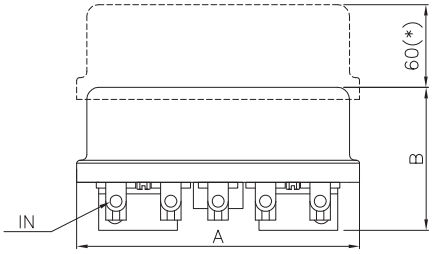
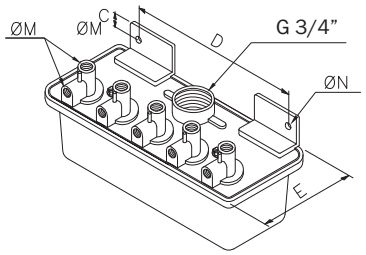
RCP Series

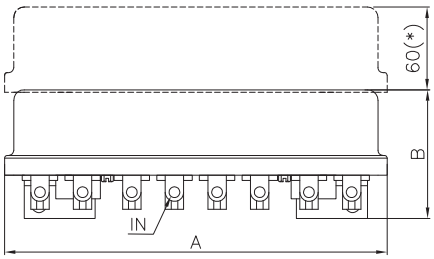
CHARACTERISTICS	
Fluid	Filtered and oilfree compressed air
Operating pressure	min 0,5; max 7,5 bar
Temperature range	-20°C +80°C
W/ Heating	-40°C +80°C
Base and cover	Die cast aluminium
Core tube	Stainless Steel
Plunger	Stainless Steel
Screws	Stainless Steel
Coil insulation	Class H
Protection	IP66
Standard voltages	230 -110 - 24V 50-60VHz 19 VA 24VDC 15W

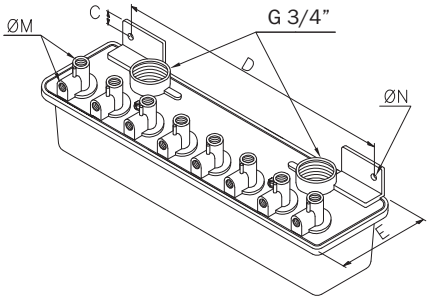
RCP5



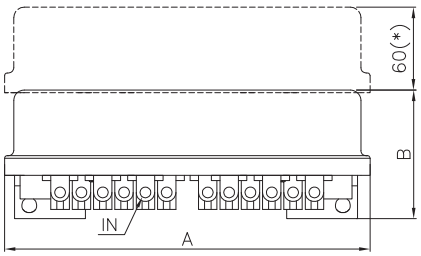


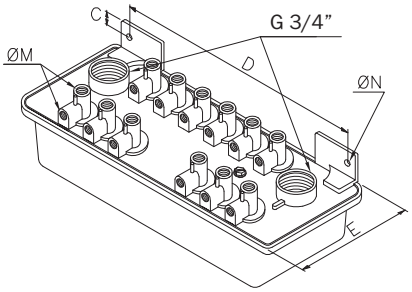
RCP8





RCP12





Model	A	B	C	D	E	Ø M	Ø N	Weight (Kg)
RCP5	210	98	10	156	100	1/8"	11	1,7
RCP8	333	98	10	267	100	1/8"	11	3,2
RCP12	306	97	10	237	152	1/8"	11	4,4

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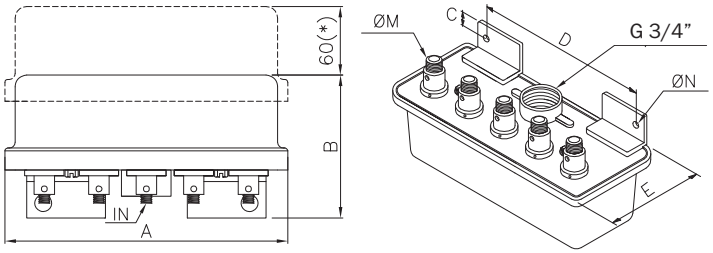
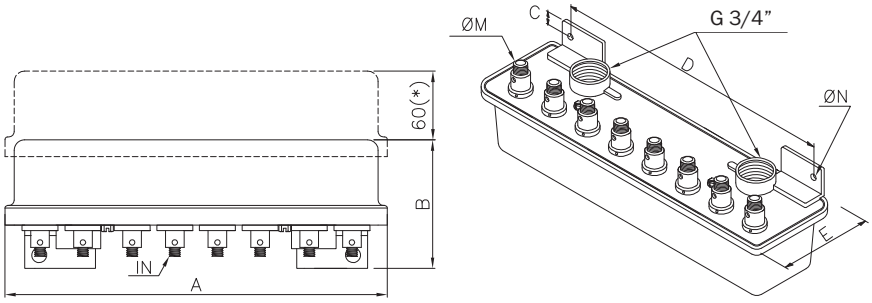
RLD Series

CARACTERISTICS	
Fluid	Filtered and oilfree compressed air
Operating pressure	min. 0,5; max 7,5 bar
Temperature range	-20°C +80°C -40°C +80°C
Base and cover	Die cast aluminium
Core tube	Stainless Steel
Plunger	Stainless Steel
Screws	Stainless Steel
Coil insulation	Class H
Protection	IP66
Standard voltages	230 -110 - 24V 50-60VHz 19 VA 24VDC 15W

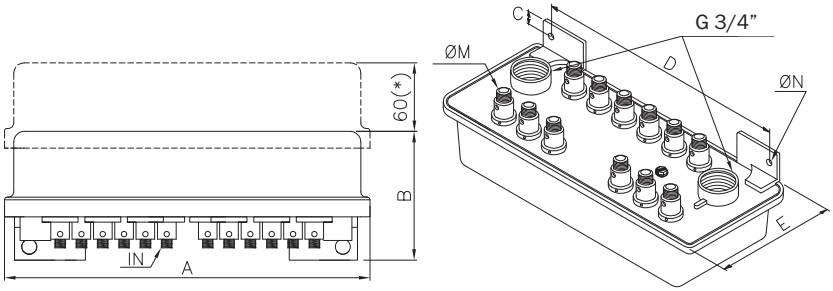
RLD5



RLD8



RLD12



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RLD5	210	98	10	156	100	1/8"	11	1,7
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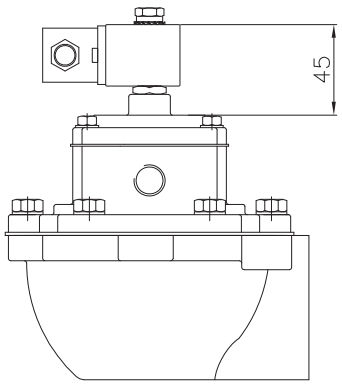
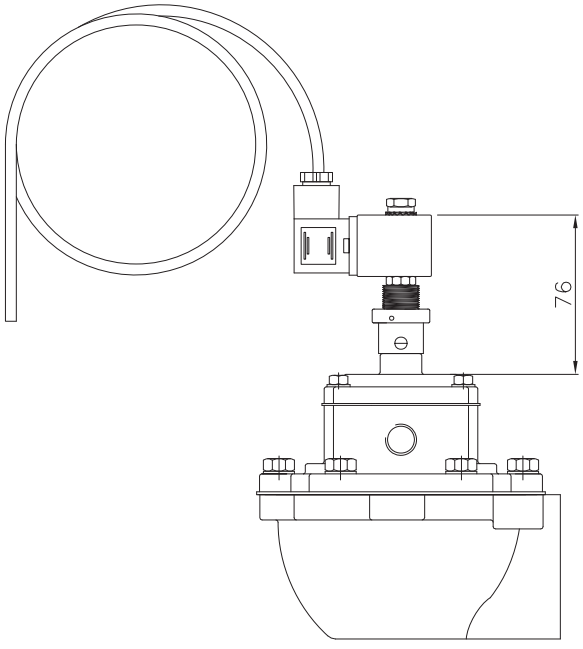
ATEX



Turbo pulse valves for petentially explosive atmospheres according to ATEX 94/9/EC valve is provided with moulded coil and connector IP 65 suitable for zone 2 e 22. Valve dimensions are same of standard model.

ATEX II3GD (zone 2 e 22)



Turbo pulse valves for petentially explosive atmospheres according to ATEX 94/9/EC. Valve use encapsulated moulded soil with leads wire of different length.

Pilot valve has brass body thet change valve dimensions from standard model.

ATEX II2GD (zone 1 e 21)

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ATEX 94/9/EC

Correspondence between zones and categories

<table>
<tr><td colspan="2">Group I
(underground mining, methane and combustible dust)</td><td colspan="6">Group II
(Surface, gas/air or mixture of dust/air, vapors)</td></tr>
<tr><td colspan="2">Category M</td><td colspan="2">Category 1</td><td colspan="2">Category 2</td><td colspan="2">Category 3</td></tr>
<tr><td>1

Equipments ensuring a very high level of protection. Guaranteed operations in case of possible errors</td><td>2

Equipments ensuring a high level of protection. In case an explosive atmosphere occurs, operation interruption is possible</td><td>G
(Gases, Mists vapors Zone 0)</td><td>D
(Dust Zone 20)</td><td>G
(Gases, mists vapors Zone 1)</td><td>D
(Dust Zone 21)</td><td>G
(Gases, mists vapors Zone 2)</td><td>D
(Dust Zone 22)</td></tr>
<tr><td colspan="2"></td><td colspan="2">Equipments ensuring a very high level of protection. Equipments ensuring a very high level of protection.

Explosive atmospheres are present continuously, for long period or frequently.</td><td colspan="2">Equipments ensuring a high level of protection.

Explosive atmospheres are likely to occur.</td><td colspan="2">Equipments ensuring a normal level of protection.

Explosive atmospheres are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.</td></tr>
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