



O17-R4759



O16-R6703



O16-R6759

The Ranco® O Series Heavy Duty Pressure Controls are the new range of adjustable pressure controls PED and TUV certified for use as specific safety devices. These SPDT series feature high capacity contacts and include Single Low, Single High, and Dual heavy duty pressure controls, with auto or manual reset. They are offered in a variety of pressure ranges and different fittings including solder braze tube, mechanical fitting or with capillary, and switch action to provide maximum application flexibility.

Adjustable pressure controls are generally used in commercial applications to control refrigeration cabinets, chillers, and for safety cut-out purposes.

### Features and Benefits

- New modern compact design with **heavy-duty** plated steel frame
- **Laser-welded dual bellows** for high protection against leakage provide superior safety
- **Screw terminal block** fully accessible for easy wiring
- High conductivity and reliable electrical continuity through premium silver contacts
- Extended pressure range and adjustable set-point
- Easy-to-read scale plate: low-pressure / high-pressure
- Automatic reset or reset button for manual controls
- Universal mounting
- Available with flare or braze tube pressure connection
- Premium material for extended life
  - Stainless steel high-pressure bellow
  - Brass / bronze low-pressure bellow
- individually packed

### Technical Data

- Contact rating: 16A 240 VAC
- Pilot Duty: 1.1 KVA @240Vac
- Electrical connector: CU Conductors (Solid or Stranded) 14-18 AWG
- Operating Temperature range: -50°C to +70°C (-60°F to 160°F)
- Rated lifetime : 100,000 cycles standard according to UL requirements

### Certifications

- CE LVD 2014/35/EU (EN 60947-1, EN 60947-4-1, EN 60947-5-1)
- PED 2014/68/EU Cat. IV (EN12263)
- UL 60730
- ROHS compliant
- China Quality Certificate
- ISO9001: 2008 certified



## Specifications - Dual Heavy Duty Pressure Controls

Part Numbers	Description	Switch	Low Reset	Low Cut-In	Low Differential	High Reset	High Cut-Out	High Differential	Pressure Connection	MOQ Box Quantity	Certifications
O17-R4701	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Auto	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	CE
O17-R4703	Dual Pressure Control	SPDT	Manual	-0.3 to 7 bar (10" Hg to 100 PSI)	Fixed (10 to 40 PSI)	Manual	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	CE
O17-R4705	Dual Pressure Control	SPDT	Manual	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Auto	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	CE
O17-R4758	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Auto	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	PED
O17-R4759	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Manual	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	PED
O17-R4760	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Manual internal	6 to 32 bar (85 to 465 PSI)	5 bar (70 PSI) Fixed	1/4" SAE Male Flare	20	PED
O17-R4763	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Auto	6 to 32 bar (85 to 465 PSI)	5 bar (50 PSI) Fixed	Braze Tube	20	PED
O17-R4764	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Manual	6 to 32 bar (85 to 465 PSI)	5 bar (50 PSI) Fixed	Braze Tube	20	PED
O17-R4765	Dual Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Manual internal	6 to 32 bar (85 to 465 PSI)	5 bar (50 PSI) Fixed	Braze Tube	20	PED

## Specifications - Single Heavy Duty Pressure Controls

Part Numbers	Description	Switch	Reset	Pressure Range	Differential	Pressure Connection	MOQ Box Quantity	Certifications
O16-R6703	Low Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	1/4" SAE Male Flare	20	CE
O16-R6704	Low Pressure Control	SPDT	Auto	-0.3 to 7 bar (10" Hg to 100 PSI)	1 to 5 bar (10 to 70 PSI)	Braze Tube	20	CE
O16-R6705	Low Pressure Control	SPDT	Manual	-0.3 to 7 bar (10" Hg to 100 PSI)	Fixed	1/4" SAE Male Flare	20	CE
O16-R6750	High Pressure Control	SPDT	Auto	6 to 32 bar (100 to 450 PSI)	3 to 5 bar (40 to 70 PSI)	1/4" SAE Male Flare	20	CE
O16-R6751	High Pressure Control	SPDT	Manual	6 to 32 bar (100 to 450 PSI)	5 bar (50 PSI) Fixed	1/4" SAE Male Flare	20	CE
O16-R6758	High Pressure Control	SPDT	Auto	6 to 32 bar (100 to 450 PSI)	3 to 5 bar (40 to 70 PSI)	1/4" SAE Male Flare	20	PED
O16-R6759	High Pressure Control	SPDT	Manual	6 to 32 bar (100 to 450 PSI)	5 bar (50 PSI) Fixed	1/4" SAE Male Flare	20	PED
O16-R6760	High Pressure Control	SPDT	Manual internal	6 to 32 bar (100 to 450 PSI)	5 bar (50 PSI) Fixed	1/4" SAE Male Flare	20	PED
O16-R6763	High Pressure Control	SPDT	Auto	6 to 32 bar (100 to 450 PSI)	3 to 5 bar (40 to 70 PSI)	Braze Tube	20	PED
O16-R6764	High Pressure Control	SPDT	Manual	6 to 32 bar (100 to 450 PSI)	5 bar (50 PSI) Fixed	Braze Tube	20	PED
O16-R6765	High Pressure Control	SPDT	Manual internal	6 to 32 bar (100 to 450 PSI)	5 bar (50 PSI) Fixed	Braze Tube	20	PED