

PRESSURE SWITCH TYPE RT

FUNCTION

Indfos RT Series Pressure switch is produced using technology provided by Danfoss Denmark. These Switches are sturdy, robust and reliable devices meant for Industrial applications. Over one million units have been used in a variety of applications.

RT Series pressure switches utilize a seamless bellows as sensing element. The bellows can be either phosphor bronze or stainless steel to suit various kinds of process medium. The mechanism is enclosed in a weather proof (IP66) enclosure which can be of either DMC or Die Cast Aluminium. Various kinds of switching elements can be provided to meet required electrical load specifications. Both Range and Differential can be independently adjusted. All models feature $\pm 1\%$ repeatability and device has clearly read setting scale.



RT Series Pressure Switch find applications in :

- >> **Power Plants**
- >> **Chemical/Petrochemical Plants**
- >> **Steel rills**
- >> **Pulp & Paper rills**
- >> **Electric & Diesel Locomotive**
- >> **Compressors**
- >> **Machine Tools**

SPECIFICATIONS:

Enclosure	: Die Cast Al. or (Dough Moulded Compound)
Enclosure Protection	: Weather proof to IP 66
Sensing Element	: Seamless Bellows (Phosphor Bronze or SS)
Max Process Temp.	: 90°C
Max Ambient Temp.	: - 40 to 70 °C
Switch Type	: 1 SPDT
Switch Rating (Standard)	:10A resistive 4A inductive 380 VAC, 12 W 220 VDC (Other ratings are also available)
Cable Entry	: 1/2" NPT (F)

TYPE	CODE NO.	RANGE (kg/cm ²)	ADJ. MECHANICAL DIFFERENTIAL (kg/cm ²)	MAX TEST PRESSURE(kg/cm ²)	PRESSURE CONN.
RT-121(SB)	17-5215	(-1) TO 0	0.09 to 0.4	7	1/4" NPT(F) for RT-112 3/8" BSP(M) for all other types
RT-121(PB)	17-5219	(-1) TO 0	0.09 to 0.4	7	
RT-113	17-5196	0 to 300 CMWG	10-50 cm wg	0.5	
RT-112(SB)	17-5191	0.1 to 1.1	0.07 to 0.16	7	
RT-112(PB)	17-5194	0.1 to 1.1	0.07 to 0.16	7	
RT-110(SB)	17-5291	0.2 to 3	0.08 to 0.25	7	
RT-110(PB)	17-5293	0.2 to 3	0.08 to 0.25	7	
RT-200(SB)	17-5237	0.2 to 6	0.25 to 1.2	25	
RT-200(PB)	17-5242	0.2 to 6	0.25 to 1.2	15	
RT-116(SB)	17-5203	1 to 10	0.3 to 1.3	25	
RT-18	17-5270	2 to 17	0.3 to 2	25	
RT-5(SB)	17-5255	4 to 17	1.2 to 4	25	
RT-5(PB)	17-5256	4 to 17	1.2 to 4	25	
RT-117	17-5295	10 to 30	1 to 4	45	