

innovation with reliability

**DOTECH**  
SENSING & CONTROL



## DIGITAL PRESSURE MULTI SWITCH DPX200

All-in-one(HPS, LPS, HPC)

- Dotech's complete solutions against refrigerant leak and noise
- Accurate measurement with dedicated sensors(low and high pressure refrigerants)
- Display of saturation temperature of refrigerant
- All in one(pressure switch and gauge)
- Easy installation and resonable and competitive price

**DOTECH, INC**

# DIGITAL PRESSURE MULTI SWITCH DPX200

DPX series®



DPX200 integrates high and low pressure gauges and switches and has advantages of time and cost saving (labor and construction), rapid maintenance, and easy-to-use interface.

## Functions

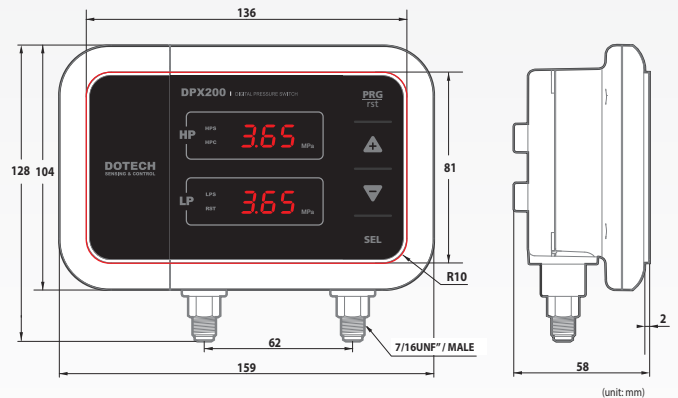
- HPS High Pressure Sensing *HPS*
- HPS High Pressure Holding *HPH*
- HPS High Pressure Off *HPF*
- HPC High Pressure Condensing *HPC*
- HPC High Pressure Condensing Off *HCF*
- LPS Low Pressure Sensing *LPS*
- LPS Low Pressure Holding *LPH*
- LPS Low Pressure Off *LPF*
- LPS Low Pressure Delay *LPS*
- Communication ID *Id*
- Communication BPS (Baud Rate) *bdr*
- Low Pressure Offset *LoF*
- High Pressure Offset *HoF*

## Specifications

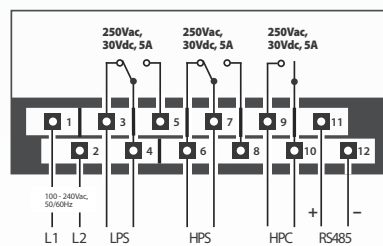
	DPX200-HL-00	DPX200-HL-R4
Power	100 - 240Vac, 50/60Hz	
Power Consumption	MAX 10VA	
Input/Output	3P relay outputs / 250Vac, 30Vdc, 5A / HPS, LPS, HPC	
Electrical Connection	Screw terminal	
Display	FND,LED TYPE	
Communication	-	RS485 MODBUS RTU
Pressure Sensor	Measurement Range	Low pressure: -0.10~1.50 MPa High pressure: 0.00~5.00 MPa
	Accuracy	±1.0%
	Overpressure	200%
	Stability	±0.5%FS/year
	Shock	20g sinusoidal, 11msec
	Vibration	x-y-z directions of 5 -2000 Hz/10g
	Fluid Temperature	-40 ~ 120°C
	Connection	7/16UNF / MALE
Pressure Type	Gauge	
Operating Condition	-10~50°C (Humidity 90%RH or less)	
Storage Condition	-20~60°C (Humidity 90%RH or less)	

※HPS, LPS, HPC

## Dimensions

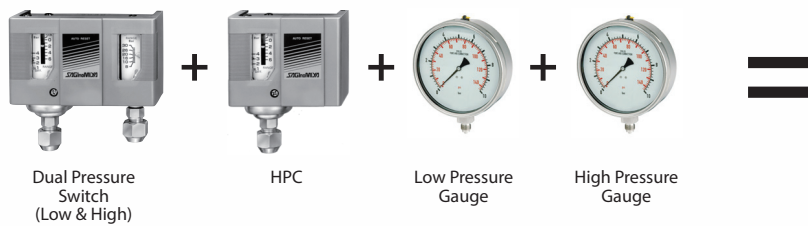


## Wiring Diagram



Relay Capacity :  
250Vac,  
30Vdc, 5A

## Applications



※Specifications are subject to change without prior notice.

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