

* Pressure chips is specialized for refrigeration, heat pump & air conditioners: anti-corrosion, shock resistance, good performance of strong anticorrosion to refrigerants; they completely meet the vibration and shock of refrigeration plants, more stable & reliable performance.

* Internal sealing compound technology, high protection rate, taking considering of ambient conditions of refrigeration plants. avoid ship and the circuit failure by inner negative press.

* Anti-interference design ensures output stability: it has passed anti-interference tests, inc. electromagnetic radiation, sensitivity, electrostatic discharge, etc. So it can work stably and reliably in hazardous electromagnetic conditions, avoiding distortion or loss of measurements.

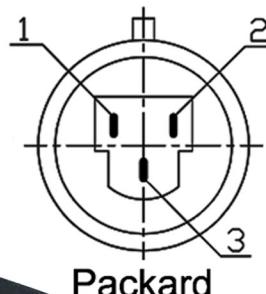
* Auto tuning and digital compensation technology helps effectively restrain errors caused by temperature slides, so the transmitter is high precision and stable.

* 制冷、空调、热泵系统专用的压力芯片，抗腐蚀、耐冲击；对冷媒有很好的耐强烈腐蚀性能，能够满足制冷机组震动和冲击要求，性能稳定可靠。

* 内部封胶工艺，防护等级高。充分考虑到制冷系统的应用环境，内部封胶处理，有效避免产品内部负压凝露时造成的芯片和电路失效。

* 抗干扰设计，输出信号更加稳定。通过电磁辐射、电磁灵敏度、静电放电等抗干扰测试，能够在恶劣电磁环境下稳定工作，避免因制冷机组电机产生的干扰信号，造成的测量信息失真丢失。

* 采用自动调校和数字补偿技术。有效地抑制因温度漂移造成误差，具有精度高、稳定性好特点。



Technical parameter 技术参数

Power Supply 电源: 24 (10~30)Vdc

Overload pressure 过载压力: 1.5X rated
Breakdown Pressure 爆破压力: 3 X rated

Accuracy 精度: +/-0.5% FS(10~30'C)
Max: +/-1% FS(0~65'C)

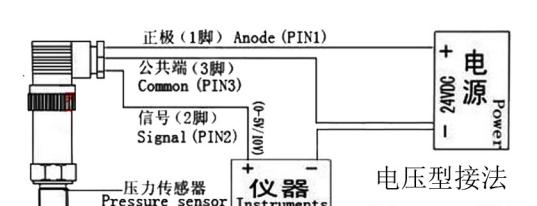
Working Temp.: -40~+80'C

Vibration/shock:
10g/5~2000Hz,
axes X/Y/Z 20g sine 11ms

1/4"
female SAE flare
(7/16-20UNF-2B)

Pin	Define	Cable
1	Shield	
2	Vcc	Red
3	Signal	Green

Part Code	Pressure Range	Output
D01PK16A	-1~16bar	4~20mA
D01PK16V1		0~5V
D01PK16V2		0~10V
D01PK40A	-1~40bar	4~20mA
D01PK40V1		0~5V
D01PK40V2		0~10V
D01PK07A	-0.5~7bar	4~20mA
D01PK07V1		0~5V
D01PK07V2		0~10V
D01PK11A	-0.5~11bar	4~20mA
D01PK11V1		0~5V
D01PK11V2		0~10V
D01PK30A	0~30bar	4~20mA
D01PK30V1		0~5V
D01PK30V2		0~10V



- * Pressure chips is specialized for refrigeration, heat pump & air conditioners: anti-corrosion, shock resistance, good performance of strong anticorrosion to refrigerants; they completely meet the vibration and shock of refrigeration plants, more stable & reliable performance.

- * Internal sealing compound technology, high protection rate, taking considering of ambient conditions of refrigeration plants. avoid ship and the circuit failure by inner negative press.

- * Anti-interference design ensures output stability: it has passed anti-interference tests, inc. electromagnetic radiation, sensitivity, electrostatic discharge, etc. So it can work stably and reliably in hazardous electromagnetic conditions, avoiding distortion or loss of measurements.

- * Auto tuning and digital compensation technology helps effectively restrain errors caused by temperature slides, so the transmitter is high precision and stable.

- * 制冷、空调、热泵系统专用的压力芯片，抗腐蚀、耐冲击；对冷媒有很好的耐强烈腐蚀性能，能够满足制冷机组震动和冲击要求，性能稳定可靠。

- * 内部封胶工艺，防护等级高。充分考虑到制冷系统的应用环境，内部封胶处理，有效避免产品内部负压凝露时造成的芯片和电路失效。

- * 抗干扰设计，输出信号更加稳定。通过电磁辐射、电磁灵敏度、静电放电等抗干扰测试，能够在恶劣电磁环境下稳定工作，避免因制冷机组电机产生的干扰信号，造成的测量信息失真丢失。

- * 采用自动调校和数字补偿技术。有效地抑制因温度漂移造成误差，具有精度高、稳定性好特点。

Technical parameter 技术参数

Power Supply 电源: 24 (8~36)Vdc

Model 型号: D01DN16

Rated pressure range 压力范围: -1 ~ 16bar

Model 型号: D01DN40

Rated pressure range 压力范围: -1 ~ 40bar

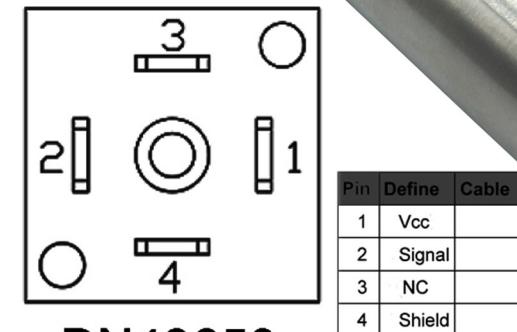
Overload pressure 过载压力: 1.5X rated
Breakdown Pressure 爆破压力: 3 X rated

Accuracy 精度: +/-0.5% FS(10~30°C)
Max: +/-1% FS(0~65°C)

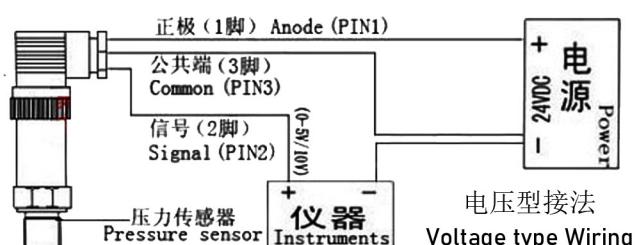
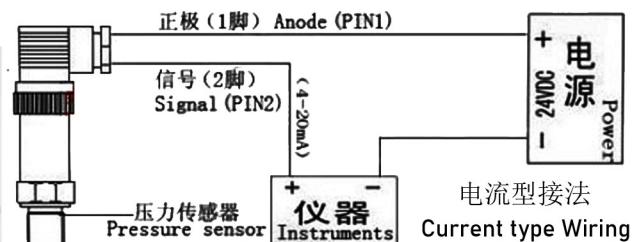
Working Temp.: -40~+80°C

Vibration/shock:
10g/5~2000Hz,
axes X/Y/Z 20g sine 11ms

1/4"
female SAE flare
(7/16-20UNF-2B)

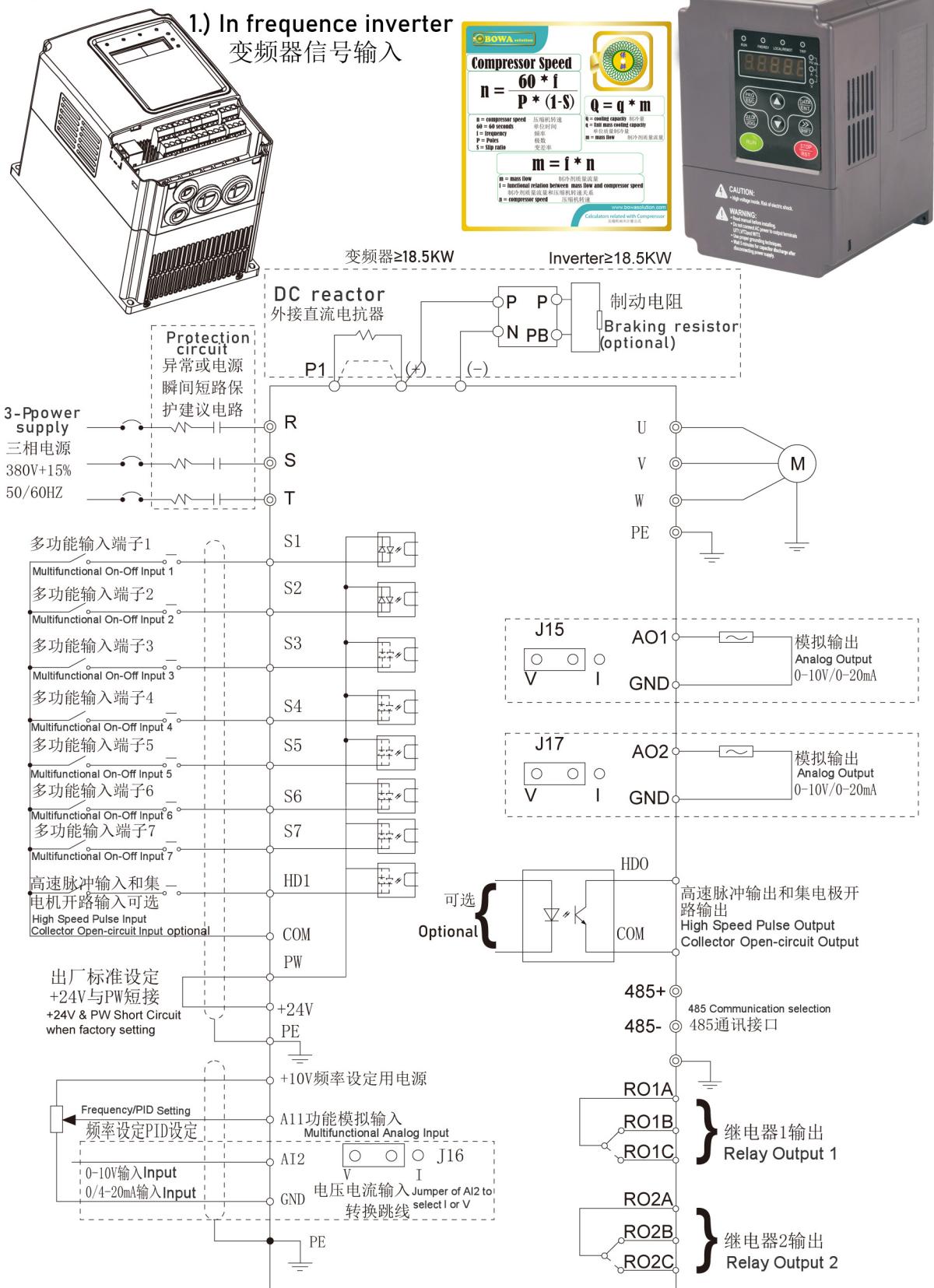


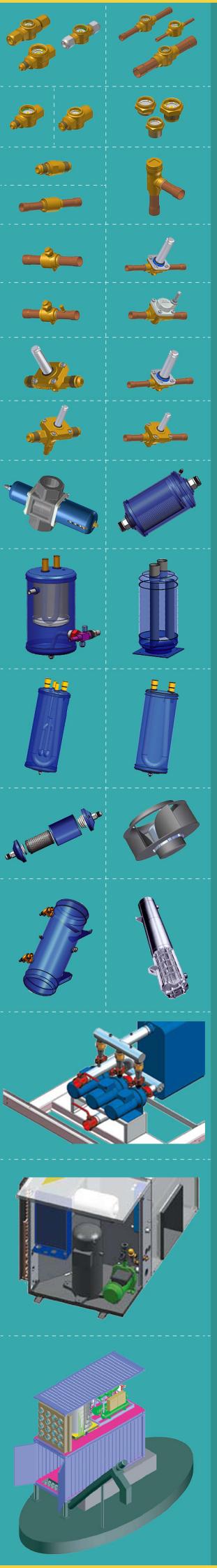
DN43650



Typical Application 典型应用

1.) In frequency inverter 变频器信号输入





压力变送器(DN43650)
Pressure Transmitter(DN43650) •

Typical Application 典型应用

2.) signal input of stepper motor control 步进电机控制信号

