

DX540H series Ordering Guide

Universal Intelligent Controller
DX Series

Air-source Heat Pump Controller

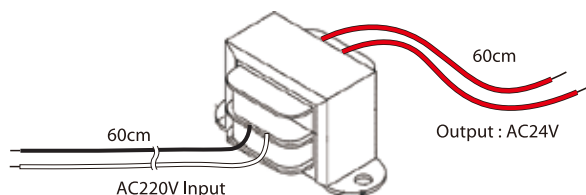


DX540H - 00 : Standard
DX540H - 11 : Analog output (3CH),
RS485 communication(MODBUS)

Power Transformer

Part No. 24069001

Input(B&W) : AC220V, 50/60Hz
Output(Red) : AC24V(30VA)

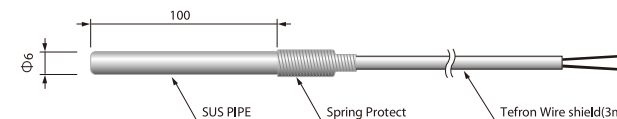


Temperature Probe

Discharge Gas Temp Sensor

DPR-TH2-P6D100L*3M : 1ea

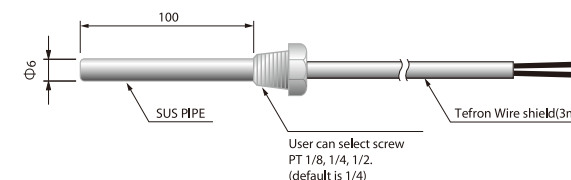
Sensor type : NTC 10K Ω
Range : -40 ~ 150 $^{\circ}$ C
Accuracy : $\pm 0.3^{\circ}$ C at 25 $^{\circ}$ C
Sheath : $\Phi 6$ X 100mm, SUS
Cable : 2C X 0.5mm, sus-mesh shield tefron
Protection : IP67



Heat Source Side Inlet & Outlet Temp Sensor

DPR-TH1-S6D100L*1/4*3M : 2ea

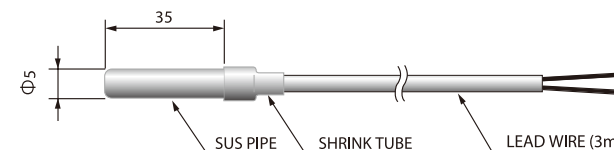
Sensor type : NTC 5K Ω
Range : -50 ~ 105 $^{\circ}$ C
Accuracy : $\pm 0.3^{\circ}$ C at 25 $^{\circ}$ C
Sheath : $\Phi 6$ X 100mm, SUS
Cable : 2C X 0.5mm, sus-mesh shield tefron
Protection : IP67



Ambient Temp Sensor Suction Temp Sensor Evaporate Temp Sensor

DPR-TH1-ET-3M : 3ea

Sensor type : NTC 5K Ω
Range : -50 ~ 105 $^{\circ}$ C
Accuracy : $\pm 0.3^{\circ}$ C at 25 $^{\circ}$ C
Sheath : $\Phi 5$ X 35mm, SUS
Cable : 2C X 0.5mm



Digital Differential Pressure Gauge



Rated Consumption Current : MAX 4VA (0.2A-DC24V)
Operation Condition : -10~50 $^{\circ}$ C (condition without condensation)
Sensor : 0~500Pa(0~2.0lnH₂O, 0~50mmAq)
Connection Hose : 4mm inside diameter
(transparent and hard tube recommended)

DP500-DR-A1 : DC24V, 2-RELAY output, 4~20mA transmission output
DP500-DN-A1 : DC24V, 2-NPN-TR output, 4~20mA transmission output
DP500-AR-00 : AC100~240VAC, 2-RELAY output
DP500-AR-A1 : AC100~240VAC, 1-RELAY output, 4~20mA transmission output

DOTECH,INC