

H7080B

Duct Humidity and Temperature Sensors

덕트 온습도 감지기



개요

덕트용 온습도 감지기이며 산업용, 상업용 일반 빌딩에 적용 가능합니다.

특징

- 4~20mA/ 0~10VDC or resistance output for temperature
- 4~20mA/ 0~10VDC output for humidity
- Duct mounted
- Excellent linearity
- Good long term Stability
- High reliability
- Wide sensing range
- Easy installation

모델

| OS Number | Humidity Output | Humidity Accuracy | Temperature Output Type | Temperature Range |
|------------|-----------------|-------------------|-------------------------|-------------------|
| C7080A3240 | NA | NA | 4~20mA/0-10V | -10°C~40°C |
| C7080A3270 | NA | NA | 4~20mA/0-10V | 0°C~70°C |
| H7080B3102 | 4~20mA/0-10V | ±2% | Pt1000 | 0°C~50°C |
| H7080B3242 | 4~20mA/0-10V | ±2% | 4~20mA/0-10V | -10°C~40°C |
| H7080B3272 | 4~20mA/0-10V | ±2% | 4~20mA/0-10V | 0°C~70°C |
| H7080B2103 | 4~20mA/0-10V | ±3% | NTC20K | 0°C~50°C |
| H7080B1103 | 4~20mA/0-10V | ±3% | NTC10K | 0°C~50°C |
| H7080B3103 | 4~20mA/0-10V | ±3% | Pt1000 | 0°C~50°C |
| H7080B3243 | 4~20mA/0-10V | ±3% | 4~20mA/0-10V | -10°C~40°C |
| H7080B3273 | 4~20mA/0-10V | ±3% | 4~20mA/0-10V | 0°C~70°C |
| H7080B2105 | 4~20mA/0-10V | ±5% | NTC20K | 0°C~50°C |
| H7080B1105 | 4~20mA/0-10V | ±5% | NTC10K | 0°C~50°C |
| H7080B3105 | 4~20mA/0-10V | ±5% | Pt1000 | 0°C~50°C |

특성 및 규격

Relative Humidity I

- Measurement Range : 0~100%RH
- Output : 4~20mA or 0~10VDC
- Accuracy : 2%, 3%, 5%RH (25°C, 20~80%RH)
- Total Accuracy : 5~9%RH
- Long Term Stability : 0.5%RH per year

Temperature I

- Temp Sensor : NTC10K, NTC20K, Pt1000
- Measurement Range : -10~40°C, 0~70°C
- Output : 4~20mA or 0~10VDC, NTC10K, NTC20K, Pt1000
- Accuracy : $\pm 0.2K$ at 25°C for NTC10K sensor, $\pm 0.2K$ at 25°C for NTC20K sensor, $\pm 0.3K$ at 0°C for Pt1000 sensor
 $\pm 0.5^\circ C$ (-10~40°C or 0~70°C) With transducer
- Power Supply : 24 VAC $\pm 15\%$ / 24 VDC $\pm 10\%$
- Current Output Load : 500 Ohms Max
- Voltage Output Load : 10K Ohms Min
- Current consumption : 70mA Max
- Working temperature : -30°C~+70°C
- Transport and Storage Temperature : -40°C~+70°C
- Housing Material : Plastic (PC-ABS), Flame retarded acc. to UL94-V0
- Protection Standard : IP54
- EMC Conformity : EN 61000-6-3, EN 61000-6-1, EN 61000-3-2, EN 61000-3-3

외형 및 크기 (단위 : mm)

