



# COMBINED DEW POINT AND TEMPERATURE PROBES WITH SICRAM MODULE

CODE	SENSORS	RANGE RH - TEMP	DIMENSIONS
HP472ACR	RH Pt100	0...100% RH -20 °C...+80 °C	
HP473ACR			
HP474ACR		0...100% RH -40 °C...+150 °C	
HP475ACR			
HP475AC1R			
HP477DCR			
HP478ACR			
HP480 / HP481	Pt100	0...100%RH -40...+60 °C	For the technical specifications of these probes please see page 12-13

## PROBES COMMON CHARACTERISTICS

### Relative humidity

Sensor	Capacitive
Temperature drift @ 20 °C	Max 0.02%/°C
Response time %RH at constant temperature	10 sec (10+80%RH; air speed=2m/s) at constant temperature

### Temperature with sensor Pt100

Temperature drift @20 °C	0.003%/°C
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### Accuracy

%RH	±1.5% RH (0...90%RH) ±2.0% RH (90...100%) @ T=15...35°C ±(1.5 + 1.5% of the displayed value)% RH in the remaining temperature range
Temperature	± 0.3°C