

COMBINED DEW POINT AND TEMPERATURE PROBES WITH SICRAM MDODULE

CODE	SENSORS	RANGE RH - TEMP	DIMENSIONS
HD472ACR	RH Pt100	0...100% RH -20 °C...+80 °C	
HD473ACR			
HD474ACR		0...100% RH -40 °C...+150 °C	
HD475ACR			
HD475AC1R			
HD477DCR			
HD478ACR		0...100% RH -40 °C...+150 °C	
HP480 / HP481		Pt100	0...100%RH -40...+60 °C

PROBES COMMON CHARACTERISTICS

Relative humidity	
Sensor	Capacitive
Temperature drift @ 20 °C	Max 0.02%RH/°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
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

PROBES PROTECTION

	P1	P2	P3	P4	P6	P7	P8
Operating Temperature	-40...80 °C	-40...80 °C	-40...150 °C.	-40...80 °C	-40...180 °C	-40...150 °C	-40...120 °C
Material	Technopolymer and 34µm stainless steel grid protection	Technopolymer and 20µm sintered PE protection	20µm sintered bronze protection	20µm sintered PE protection	10µm sintered stainless steel protection	20µm PTFE protection	PBT and 10µm stainless steel grid protection
View							
Technical Spec.	suitable for probes Ø 26 - thread M 24x1,5				suitable for probes Ø 14 - thread M 12x1		