



TECHNICAL SPECIFICATION

ITEM	FEATURE	CAPACITY	
		TEMPERATURE	HUMIDITY
1	POWER SUPPLY	Active models 24 VAC/VDC +/-10%, 3-4 wires Passive models 16-30 VDC, 2 wires.	
2	OUTPUTS	Active models 0 - 10 V Passive models 4 - 20 mA	
3	MEASURING RANGE	From 0 to 50°C ambient and standard models. From -20 to 80°C remote and duct models.	From 5 to 95% RH
4	ANALOGUE OUTPUT	From 0 to 50°C	From 0 to 100% RH
5	UNIT OF MEASUREMENT	°C / °F	% RH
6	TYPE OF SENSOR	NTC	Capacitive
7	RESOLUTION	0,1 °C	0,1 % RH
8	TYPE OF FLUID	Air and neutral gase	
9	CONDITION OF USE (°C/%RH/m)	From 0 to 50 °C. In non-condensing conditions. From 0 to 2000 m.	
10	OPERATING TEMPERATURE OF THE PROBE	From -20 to 80°C	
11	STORAGE TEMPERATURE	From -10 to 70°C	

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TH110-P-O-D



TH110-P-O-ES



TH110-P-O-A

TECHNICAL SPECIFICATION

ART. CODE	DESCRIPTION	BRAND	SUPPLY VOLTAGE	OUTPUT SIGNAL
TH110-P-O-D	Humidity Sensor with Display	KIMO	16 - 30 VDC	4 - 20 mA
TH110-P-O-ES	Humidity Sensor Standard model	KIMO	16 - 30 VDC	4 - 20 mA
TH110-P-O-A	Humidity Sensor Duct Model	KIMO	16 - 30 VDC	4 - 20 mA



HYGRASGARD® RPFF-25-I



TECHNICAL SPECIFICATION		
ITEM	FEATURE	CAPACITY
1	POWER SUPPLY	15 to 36 VDC depending on working resistance, residual ripple stabilised ± 0.3 V
2	OUTPUTS	4 - 20 mA
3	MEASURING RANGE	0 to 100 % RH
4	PROTECTIVE TUBE	Stainless steel V2A, Ø = 18 mm (16 mm), L = 120 mm
5	CABLE GLAND	M 16 x 1.5, including strain relief, exchangeable, max. inner diameter 10.4 mm

HYGRASGARD® RPFF-SD-I



TECHNICAL SPECIFICATION		
ITEM	FEATURE	CAPACITY
1	POWER SUPPLY	15 to 36 VDC depending on working resistance, residual ripple stabilised ± 0.3 V
2	OUTPUTS	4 - 20 mA
3	MEASURING RANGE	0 to 100 % RH
4	PROTECTIVE TUBE	stainless steelV2A (1.4301), Ø = 16 mm, L = 142 mm
5	SENSOR CABLE	PVC, LiYY, 2 x 0.25 mm ² , KL = approx. 1.5 m

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