MICHELL
Instruments

CERMET II ONLINE HYGROMETER

A full specification online hygrometer for the measurement of dew point in air and process gases, with wide operating range and multiple display options.

Feature	Item	Description
Product Parent Code: CT2-OL-HYG		
Cermet II Online Hygrometer		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	CT2-OL-HYG	Cermet II Online Hygrometer
Feature {B}	**Alarms**	
	A2	Two alarm relays
	A3	Three alarm relays
	A4	Four alarm relays
Feature {C}	**Analog**	
	mA	4-20 mA output
	V	0-10 V output
Feature {D}	**Digital**	
	2	RS232 output
	4	RS485 output
Feature {E}	**Monitor**	
	AC	85 to 265 V AC and 95 to 370V DC
	DC	24 V DC and 18 to 36 V AC
Feature {F}	**Cable**	
	SC02	Standard sensor cable 2m (6.56') with fittings
	SC05	Standard sensor cable 5m (16.4') with connectors
	SC10	Standard sensor cable 10m (32.8') with fittings
		Other cable lengths available upon request

Ordering Example

CT2-OL-HYG +A3+mA+2+DC+SC10	Cermet II with 3 alarm relays, mA output, RS232 digital output, 24 V DC power supply and 10m (32.8') sensor cable

CERMET II ONLINE HYGROMETER ACCESSORIES AND SPARE PARTS

Feature	Item	Description
Product Parent Code: CT2-MON		
Cermet II Monitor		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	CT2-MON	Cermet II Monitor (replacement)
Feature {B}	**Alarms**	
	A2	Two alarm relays
	A3	Three alarm relays
	A4	Four alarm relays
Feature {C}	**Analog**	
	mA	4-20 mA output
	V	0-10 V output
Feature {D}	**Digital**	
	2	RS232 output
	4	RS485 output
Feature {E}	**Power**	
	AC	85 to 265 V AC and 95 to 370V DC
	DC	24 V DC and 18 to 36 V AC

Ordering Example

CT2-MON+A2+V+2+AC	Cermet II Monitor with 2 alarm relays, 0-10 V analog output, RS232 digital output, 85 to 265 V AC

CERMET II ONLINE HYGROMETER ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
SSG	SS sintered guard replacement (for protection against fine particulates <80µm)
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
BS-58-PK5	5/8" UNF Bonded Seal for process connection (pack of 5)
EA2-SC	MiniDIN sensor connector socket
CT2-SEN	Spare sensor for use with Cermet II hygrometer
EA2-SCG	Sensor Connector MiniDIN Gasket
Sampling Accessories	
APT-PAN	5/8" UNF (Internal) to 3/4" UNF (External) Adapter Collar
APT-GEI	5/8" UNF (Internal) to G1/2" (External) Adapter Collar
APT-TSO	5/8" UNF (Internal) to 1/2" NPT (External) Adapter Collar
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
CSB-MC	Material certification for 5/8" UNF CSB Sample Block (no transfer or Distributor discounts)
SB-58-QF	5/8" UNF Quick Fit Sample Block with DN7.2 Quick Connector for compressed air. Outlet vent to atmosphere
EA2-SAM	5/8" UNF Sampler Kit (for atmospheric or pressure dp measurements, 145 psig/10 barg max)
EA2-SAM-HP	5/8" UNF HP (High Pressure) Sampler Kit - (for atmospheric or pressure dp measurements, 2900 psig/200 barg max)
PTFE-xx	PTFE sample tube 6mm (0.24") O/D thick-walled (for Sampler Kit) (xx = length of tube in meters - price per meter- above 0.5m)
DP-MC	BS EN 10204 – type 3.1 Material Certificates (No transfers or distributor discounts)
Electrical Accessories	
CT2-SER-CAB	RS232 Communications Cable for Monitor
CT2-SER-CAB-RS485	RS485 Communications Cable for Monitor
CT2-SC02	Cable, 2m (6.6') length with mini-DIN mating socket
CT2-SC05	Cable, 5m (16.4') length with mini-DIN mating socket
CT2-SC10	Cable, 10m (32.8') length with mini-DIN mating socket
	Other cable lengths available upon request

CERMET II ONLINE HYGROMETER ACCESSORIES AND SPARE PARTS

Order Codes		Product / Description
Product Ordering Code {Feature A}+{Feature B}		
Feature {A}	**Base Model**	
	EAU-CK	Easidew, SF82 & Pura Universal Comms Kit
Feature {B}	**Cable**	
	B1	EA2 MiniDIN Connector 0.5m sensor lead
	B2	EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
	B3	EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

EAU-CK ACCESSORIES AND SPARE PARTS

EAU-CK-CAB1	Spare EA2 MiniDIN Connector 0.5m sensor lead
EAU-CK-CAB2	Spare EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
EAU-CK-CAB3	Spare EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

CERMET II ONLINE CALIBRATION SERVICES

Order Codes	Product / Description
CT2-SEN-X	Service exchange, recond Cermet II sensor (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)
CT2-Recal	Recalibration of Cermet II sensor (13 points between -100 and +20°C (-148 to +68°F) dp. Supplied with traceable calibration certificate)
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: Cermet II Order Codes_97251_V5_UK_0221