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Super-Dew Specification

Accuracy:	1% across meter range. For Sensor accuracy see sensor specification sheet.
Type:	In-line hygrometer in plastic DIN style case, for panel mounting or table top use, and connection to an external sensor.
Dimensions / Weight:	Overall dimensions: Panel cut-out 135mm x 66mm x 175mm depth Weight: 570g approx.
Display:	Backlit 2cm LCD digital indicating meter showing Dewpoint Deg. C only. (Deg. F. available by special order).
Sensor Connection:	Low loss co-ax cable (75ohms max capacitance of 50pF per metre). Sensor location upto 1000m from meter except after Zener Barrier then 300m.
Power Supply:	110 or 220 V a.c. single phase 50 or 60 Hz, 24 V d.c.
Sampling:	Pressure: Upto 200 Bar but preferably atmospheric with flow rate of 1 - 5 litres/minute in Shaw Sensor Holder.
Outputs:	Alarms: 2 Relays rated at 240V 3A Analogue: 4-20mA and 0-1 V, others by special request
Calibration:	Autocal on all but Blue range.
Accessories / Options:	Zener Barrier Unit ZBU for intrinsically safe operation in hazardous areas to Eex.ia IIC SU4 Lo, Med or Hi Sample system for sample conditioning pressurised gases to atmospheric conditions and controlled flow. SWS Lo, Med or Hi Sample system, as SU4 but in IP rated cabinet.
Sensor Type ®	Sensor Range:
Purple: (P)	-100 / 0 deg.C DP, (auto-cal)
Red : (R)	-80 / -20 deg.C DP, (auto-cal)
Grey :(GY), lospec (GYLS)	-80 / 0 deg.C DP, (auto-cal)
Blue: (Bl)*	-80 / +20 deg.C DP, (manual-cal)
*	check availability
To Order:	SD-®