



DEWCom II 2-wire Programmable Dewpoint Transmitter

The **DEWCom II** Dewpoint Transmitter makes monitoring dewpoints as easy as measuring temperature or pressure, and can be instantly incorporated into air or gas measurement and control systems. **STORK's** highly automated manufacturing, calibration and test processes make the **DEWCom II** not only a very rugged and reliable instrument but also very competitive in price. By taking advantage of **STORK's** exchange sensor program, users can be assured that their process moisture measurement facility is never interrupted. It is very easy to install and maintain and comes with a full world-wide backup and service program.

TECHNICAL SPECIFICATION

Measurement Range (dewpoint)	-100 to +20°C dew point	
Accuracy (dewpoint)	±2°C dew point	
Response Time	1 min to T95 (dry to wet)	
Repeatability	0.5°C dew point	
Calibration	Traceable 7 point calibration certificate	
ELECTRICAL INPUT/OUTPUT		
Output Signal	4-20 mA current source, configurable over the entire range Dew point -100 to + 20°C -148 to +68°F 0,01-23,000 ppm(v) ppm(v) output or non-standard dew point range may be specified at time of order	
Supply voltage	8 - 36 VDC	
Load Resistance	Max 660 Ω @ 24 V 160 Ω @ 12 V	
Current Consumption	23mA max	
CE marked		
OPERATING CONDITIONS		
Operating Temperature	-40 to +60°C	
Operating Humidity	0–100% RH	
Operating Pressure	40 MPa (450 Barg) max	
Flow Rate	0.2 to 5 l/mjn mounted in standard sampling block; 0 to 10 ms ⁻¹ direct insertion	
Temperature Coefficient	Temperature compensated across operating temperature range	
MECHANICAL SPECIFICATIONS		
Ingress Protection Sensor	IP65	
Housing Material	Stainless steel	
Dimensions	114m x 30mm dia	
Weight	170g	
Filter	5µm sintered guard	
Interchangeability	Fully interchangeable without need to set or calibrate on site	
Fault Conditions (factory programmed)	Condition Sensor fault Under-range dew point Over-range dew point	Output 23 mA (or 3.5mA, programmable) 4 mA 20 mA