

Agent-D Series Humidity and temperature logger

The Agent-D series is a versatile family of dataloggers with integrated LC display for the measurement of humidity and temperature with both integrated and cable mounted sensors. Measurement ranges and logging interval can be configured with easy-to-use Windows software, or via the integrated keypad. A special version is available for hazardous areas (Zone 1).

All versions feature a 64000 point memory, user replaceable batteries and the operating range of the logger is -35...55 °C / 0...100 %rh. Measurement range depends on the probe configuration (see Probes for Agent-D-NT & PT Series). When an extension cable is used, the maximum temperature is 70 °C.



Agent-D-HT2

2-channel humidity and temperature logger

- Integrated probe for temperature / humidity Agent-D-Clip-S
- Optional remote probe for humidity and temperature
- Measuring range with:
 - integrated probe: -35...55 °C / 0...100 %rh
 - remote probe: -35...70 °C / 0...100 %rh
- Single digital input for monitoring doors etc (switch status)

Order code:

Agent-D-HT2	includes probe Agent-D-Clip-S
Agent-D-HT2-EX	(for EX-zone 1) includes probe Agent-D-Clip-S
Agent-D-Clip S	Humidity/Temperature probe

Remote cable for Agent-D-HT2

Remote cables for 1 or 2 Agent-D-Clip probes for D-sub connectors
Lengths: 2 or 5 m

Order code:

Agent-D-D12	2 m / 1 probe
Agent-D-D22	2 m / 2 probes
Agent-D-D15	5 m / 1 probe
Agent-D-D25	5 m / 2 probes



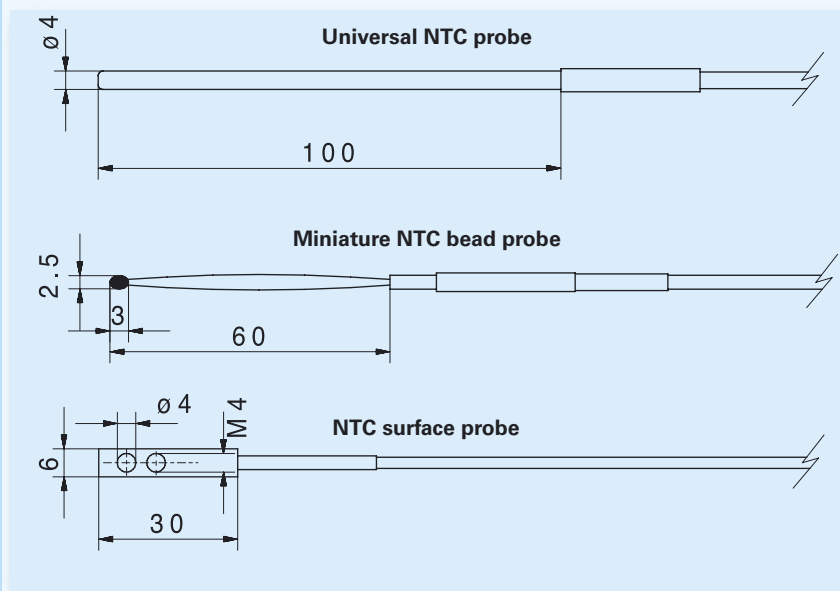
Agent-D-NT3

3-channel temperature logger for NTC probes

- 1 integrated NTC temperature sensor
- 2 external NTC probes connected by D-sub-15 plug (Option)
- Measuring range: -50...140 °C

Order code:

Agent-D-NT3	
Agent-D-NT3-EX	(for EX-Zone 1)



Probes for Agent-D-NT series

Universal NTC probe:

-50...140 °C, 2 m cable, T max. cable: 140 °C

Order code:

AC3010-ND1	1 probe on D-sub connector
AC3010-ND2	2 probes on D-sub connector

Miniature NTC bead probe

-50...140 °C, 2 m cable, T max. cable: 140 °C

Order code:

AC3055-ND1	1 probe on D-sub connector
AC3055-ND2	2 probes on D-sub connector

NTC surface probe

-50...140 °C, 2 m cable, T max. cable: 140 °C

Order code:

AC3041-ND1	1 probe on D-sub connector
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Agent-D-Series Accessories and Technical Data

Accessories for Agent-D-Series:

Order codes:

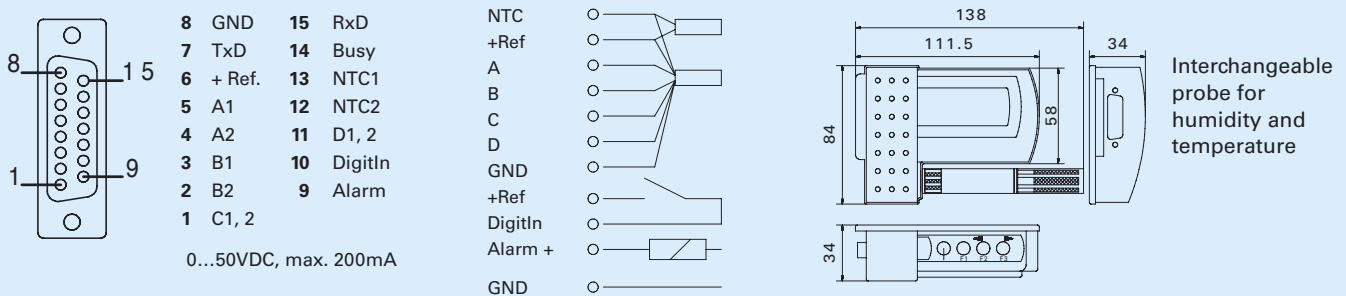
Agent-D-SW	Application software multilingual
Agent-D-UP	Software Update
Agent-D-IPH	Wall mounting bracket
Agent-D-IPH-L	Wall mounting bracket lockable
Agent-D-AL	Connector with screw terminals
Agent-D-Bat	Lithium battery for Agent-D
Agent-D-Data	Data cable



Technical data Agent Logger

Features	Agent-D-HT2	Agent-D-NT3
Humidity sensor	Hygromer® AC-1	None
Temperature sensor	NTC	NTC
Sensor protection	Wire mesh filter	
Specifications		
Operating range (electronics)	0...100 %rh / -35...55 °C	
Measurement range	0...100 %rh, -50...140 °C; probe dependent	-200...550 °C
Accuracy at 23 °C ±5 °C	±1.5 %rh / 0.3K	±0.3 K
Reproducibility	<0.5 %rh / < 0.1 K	< 0.1 K
Interface	RS232	
Power supply	1 x Lithium 3.6V battery	
Battery lifetime	Up to 2 years (depending on measurement and read-out interval)	
Housing material	ABS	
Protection rating	IP63	IP65
EX protection: Zone 1 (optional)	Order code each Agent-D-...EX	
Memory size / Memory type	64,000 Measurement values / RAM	
Log interval	1 s...180 min	
Logging modes	Start / Stop or loop	
Alarm indicators	Visual indicator on LCD	
Dimensions	135 x 85 x 35 mm	110 x 85 x 35 mm
weight (with probe inserted)	approx. 160 g	approx. 160 g
PC-System requirements		
Processor	Pentium 233 MHz or better, min. 64 MB RAM, VGA or SVGA monitor	
Operating system	Windows 95 / 98 / 2000 / NT / XP	
Software for programming and analysis	Agent-D-SW	

Agent-D-HT2



Agent-D-NT3

