PRODUCT DATA SHEET

Integral XT 350 W

The Integral XT process thermostats operate according to the flow principle with a cold oil blanket that allows the utilization of the entire temperature range through the use of a heat transfer medium. The electronically controlled, magnetically coupled pump can alter the pressure to adapt the flow rate to the relevant process requirements. The Integral XT models can be integrated easily in different process control systems using a wide selection of interface modules.

Working temperature min.
-50 °C

Working temperature max.
220 °C

Technical Attributes	Integral XT 350 W
Working temperature min.	-50 °C
Working temperature max.	220 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.10 ±K
Application	external
Filling volume min.	5 L
Filling volume expansion vessel	6.7 L
Heater power	3.50 kW
Cooling output at 200°C measured with thermal oil	3.10 kW
Cooling output at 150°C measured with thermal oil	3.10 kW
Cooling output at 100°C measured with thermal oil	3.10 kW
Cooling output at 50°C measured with thermal oil	3.10 kW
Cooling output at 20°C measured with ethanol	3.10 kW
Cooling output at 10°C measured with ethanol	3.10 kW

LAUDA DR. R. WOBSER GMBH & CO. KG
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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Integral XT 350 W

Technical Attributes	Integral XT 350 W
Cooling output at 0°C measured with ethanol	3.10 kW
Cooling output at -10°C measured with ethanol	2.00 kW
Cooling output at -20°C measured with ethanol	1.20 kW
Cooling output at -30°C measured with ethanol	0.70 kW
Cooling output at -40°C measured with ethanol	0.25 kW
Cooling output at -50°C measured with ethanol	0.02 kW
Power consumption	3.68 kW
Interface(s)	RS-232/485
Pump connection thread	M30 x 1,5 A (DN 20)
Pump pressure max.	2.9 bar
Pump flow max. (pressure)	45 L/min
Dimensions (WxDxH) in mm	460x550x1285

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