Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	**13 775 - 99 HH**
Company	**Barksdale** **Control Products GmbH** **Dorn-Assenheimer Straße 27** **D-61203 Reichelsheim**
Product Description	**Temperature Transmitter, Temperature Transmitter with Integrated Switch** **Temperature Sensor**
Type	**UTA 3, UTS 7** **UTF 3**
Environmental Category	**D, H, EMC1**
Technical Data / Range of Application	**Types UTA 3 and UTF 3:** **Power supply: 24 V DC** **Sensor: Pt 100 acc. DIN IEC 751** **Length: 5 mm (standard) up to 100 mm** **Diameter: 6 mm** **Range: -30 °C to 60°C or -30°C to 150 °C** **Accuracy: class B** **Time constant: z 0.5 = 12 s, z 0.9 = 24 s** **UTA 3 output: 4 - 20 mA, 2 - wire connection** **UTA 3 output: 0 - 10 V DC, max. 10 mA, 3 - wire connection** **UTF 3 output: resistive, acc. DIN IEC 751 ref. table** **Wetted parts: 1.4571** **Electrical connection: fixed cable or socket** **Degree of protection: IP 65, IP 67 on request** **UTS 7: see page 2 of the certificate**
Test Standard	**Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**
Documents	**Test Reports: EMV 99/9044-1-2(3), 04/4087-1-1(2)(3); RMS 1-03(04)/99** **Technical datas: PB-6302-0001, GL-File No.: 70.70 1562200** **Circuit diagrams: 922-0693 and UTS7_BAS_921_0775** **Catalogues: Temperatur 02/99 KTE-DE 01/1, 07/00 KTE-DE 02/1**
Remarks	**None**
Valid until	**2009-09-02**

Page   **1** of **2**

File No.   **I.D.02**

Hamburg, 2004-09-03

Type Approval Symbol   (GL) (GL)

Germanischer Lloyd

J. Wittburg   D. Lesniewski

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".

Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **13 775 - 99 HH**

Type UTS 7:
Sensor: Pt 100 acc. DIN IEC 751, accuracy: class B
Sensor length: 5 mm (standard) up to 100 mm
Sensor diameter: 6 mm
Time constant: z 0.5 = 12 s, z 0.9 = 24 s
Measuring range: -30 °C to 60°C or -30°C to 150 °C
Measuring accuracy (transmitter): better then ±1.5%
Temperature Influence (transmitter): ±0.2% / 10K
Power Supply: 24 V DC
Analogue Output: 4...20 mA
Solid State Dual Output: rating max. 500 mA, short circuit-proof
Mechanical Connection: G1/4" M, G1/2" M, 1/4" NPT M
Electrical Connection: cable connection, screened cable (standard length 1.5m)
4-digit Dot-matrix display; 1x LED red for Errors; 2x LED green for switch points
Software Version: 7.x
Test and evidence according Requirement Class 3
Degree of Protection: IP67

*Envir. Cat. "H" (UTS 7): Cold Test at -25°C
Vibration Test: 10 Hz - 500 Hz, acceleration = 10g
(only for sensor length up to 25mm)

Valid until   2009-09-02

Page   **2** of **2**

File No.   I.D.02

Hamburg, 2004-09-03

Type Approval Symbol   GL   GL

Germanischer Lloyd   J. Wittburg   D. Lesniewski

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".