Baumer

Passion for Sensors

Inspection certificate
Abnahmeprüfzeugnis
Certificat de réception

Declaration of compliance with order 3.1 according to EN 10204.
We confirm compliance with the order. The results of specific tests are listed in the Appendix.

Abnahmeprüfzeugnis 3.1 nach SN/EN 10204.
Wir bestätigen die Übereinstimmung mit der Bestellung. Die Ergebnisse spezifischer Prüfungen sind im Anhang aufgeführt.

Certificat de réception 3.1 selon SN/EN 10204.
Nous attestons de la conformité à la commande. Les résultats des tests spécifiques sont énumérés dans l'annexe.

Supplier Anbieter Fournisseur	Baumer A/S, Denmark
Type / Description Typ / Bezeichnung Type / Description	AFI5-AD33.40$6.1113/9316_8179_Q003
P-Code P-Code P-Code	
Material No. Material Nr. Numéro de matériel	11272746
Serial No. Serienummer Numéro de série	U423.27.X-1602-0412
Ordered Quantity Bestellte Menge Quantité commandée	1
Sales-Order/Pos VK-Auftrag/Pos Contrat de vente/Pos.	2548958-20

Customer information / Kundeninformation / Information client:

Customer Kunde Client	ECOLAB Engineering GmbH Raiffeisenstraße 7 83313 Siegsdorf, Deutschland
Y/Type description I/Art.Nr. Votre N°d'art	10241308
Y/Order-No. I/Best.Nr. Votre N° cd	4500536306

Place and date Ort und Datum Lieu et date	Aarhus, 14-10-2026	Name/Unit Name/Bereich Nom/Unit	Maria Christensen Quality Manager
Version 23.06.2026; V8.28_DK	2548958-20_11272746_U423.27.X-1602-0412_3_1.pdf	(Valid without signature / gültig ohne Unterschrift)	

Baumer A/S
Runetoften 19
8210 Aarhus V.
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10022319

19Molders address/stamp:

Dutec Plast A/S
P.O. Pedersens vej 25
8200 Aarhus N

Declaration of Plastic Material

We hereby confirm that the parts delivered with this document are as follows:

1. Shipped Parts

Part Name: **Bobbin Case short**

Part Number: 11240273

Quantity: **2.134**

Manufacturing Date: **5/5-2026**

Order number: **4501432820**

2. Material composition

Plastic Material Designation: **Victrex 150g**

Plastic Material Manufacturer: **Victrex**

Coloring Material Designation: **Natural**

Coloring Material Manufacturer:

Lot Number: V137556

3. Molding process/additives

% Color: **NONE**

% Regrind: **NONE**

Lubricant Material Designation: No Lubricant

Lubricant Material Manufacturer: No Lubricant

Foamed: ☐ yes ☑: no

Additional processes or materials: **No**
(exposure to x-ray, concentrates etc.)

Molders Signature: Kasper Dunvad Date: 1/7-2026

PS: As an alternate, simplified means to provide appropriate traceability, the molder may opt to become a certified plastic molder (QMMY2). Contact the local UL office.

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Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Conductivity

Customer: ECOLAB Engineering GmbH
Raiffeisenstraße 7
83313 Siegsdorf, Deutschland

Type no: AFI5-AD33.40$6.1113/9316_8179_Q003
Material no: 11272746
Baumer order no: 2548958-20
Customer order no: 4500536306
Serial no: U423.27.X-1602-0412, Sensor no: 4039

Range: 0,5 mS - 100 mS

Test equipment:

Yokogawa SC450G-A-A/Q/UM	no: 92NA03280
Yokogawa SC42-EP08/Q	no: N1D501386
Yokogawa SC42-SP34	no: N1D200437
Keithly 2000	no: 63307

This certificate provides traceability of measurement to recognized national/international standards.

Conductivity:

The accuracy specified in the datasheet of AFIx:

- 0 - 1 mS/cm 1%
- 0 - 2 mS/cm 1%
- 0 - 10 mS/cm 1%
- 0 - 50 mS/cm 1%
- 0 - 200 mS/cm 1%

Measurements:

Conductivity	Range[1]	True conductivity[2]	Measured conductivity (display)	Measured current[2][3] (Current output)	Deviation conductivity (Display)	Deviation current (Current output)		Accuracy Display	Accuracy current output
[mS/cm]	[mS/cm]	[mS/cm]	[mS/cm]	[mA]	[mS/cm]	mA	[mS/cm]	%	%
0,5	0 - 1	0,473	0,467	11,49077	-0,006	-0,073	-0,005	-0,57	-0,46
1	0 - 2	1,101	1,103	12,70848	0,002	-0,102	-0,013	0,08	-0,64
5	0 - 10	5,104	5,11	12,18286	0,006	0,017	0,011	0,06	0,11
25	0 - 50	25,100	25,26	12,08199	0,160	0,050	0,157	0,32	0,31
100	0 - 200	103,976	104,4	12,35783	0,424	0,040	0,497	0,21	0,25

1) Selected measuring range on AFIx.
2) Calibration performed without temperature compensation.
3) Measured on the output current with a 100 Ohm as load in series with the Ampere meter.

Date: 14-10-2026

Calibrated by: Le Huynh Huu
(Valid without signature / gültig ohne Unterschrift)

T_{amb}: 23°C

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Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Temperature

Customer: ECOLAB Engineering GmbH
Raiffeisenstraße 7
83313 Siegsdorf, Deutschland

Type no: AFI5-AD33.40$6.1113/9316_8179_Q003
Material no: 11272746
Baumer order no: 2548958-20
Customer order no: 4500536306
Serial no: U423.27.X-1602-0412, Sensor no: 4039

Range: 0...150°C

Test equipment:
Digital thermometer no: 297081
Pt100 sensor no: 297081
Keithly 2000 no: 63307

This certificate provides traceability of measurement to recognized national/international standards.

Temperature:

The accuracy specified in the datasheet of AFIx within the range -20...150°C is:

- ±1,5°C
- ±0,3°C, 20 ... 50 °C

Measurements:

Temperature	True temperature[1]		Measured temperature[2] (display)	Measured current[3] (Current output)	Deviation temperature (Display)	Deviation current (Current output)		Accuracy Display	Accuracy current output
[°C]	[°C] (measured)	mA (calculated)	[°C]	[mA]	[°C]	mA	[°C]	%	%
10	10,30	5,10	10,30	5,096	-0,003	-0,003	-0,03	0,00	-0,02
40	40,02	8,27	40,00	8,248	-0,022	-0,021	-0,20	-0,01	-0,13
80	80,31	12,57	80,10	12,535	-0,206	-0,030	-0,29	-0,14	-0,19

1) Temperature measured with Precision Thermo.
2) Measured on the display if such is mounted.
3) Measured on the output current with a 100 Ohm as load in series with the Ampere meter.

Date: 14-10-2026

Calibrated by: Le Huynh Huu
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T_{amb}: 23°C

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CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD33.40$6.1113/9316_8179_Q003
Serial no.:	U423.27.X-1602-0412
Date:	07-10-2026 13:00:12
Tag:	

Cell Constant	8,82 1/cm
Tolerance	± 1.0 % FSR , 0 ... 1 mS/cm to 0 ... 500 mS/cm
	± 1.5 % FSR , 0 ... 1000 mS/cm
	± 1.5 % FSR , 0 ... 500 µS/cm

After finishing the production process, this sensor has been tested to ensure the highest quality. The sensor has been tested in 13 points, the results are printed below.

Measurements:

Reference Resistor [Ohm]	Norminal Conductivity [mS/cm]	Measured Conductivity [mS/cm]	Max Allowed Error [mS/cm]	Error [mS/cm]
95148,44	0,093	0,095	0,008	0,0021
58215,32	0,152	0,153	0,008	0,0017
9950,52	0,886	0,889	0,010	0,0029
999,76	8,822	8,817	0,100	-0,0054
999,76	8,822	8,817	0,100	-0,0055
500,00	17,640	17,648	0,200	0,0084
210,17	41,966	41,875	0,500	-0,0908
180,17	48,954	48,961	0,500	0,0062
100,11	88,099	88,200	1,000	0,1008
40,14	219,718	220,775	5,000	1,0570
40,14	219,718	221,647	5,000	1,9297
16,11	547,413	550,823	15,000	3,4093
10,12	871,314	874,157	15,000	2,8432

Calibrated by: Baumer A/S

(Valid without signature /gültig ohne Unterschrift / valable sans signature)

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