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-1604-3046
Ordered Quantity Bestellte Menge Quantité commandée	1
Sales-Order/Pos VK-Auftrag/Pos Contrat de vente/Pos.	2550088-10

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	4500536473
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

2550088-10_11272746_U423.27.X-1604-3046_3_1.pdf

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Runetoften 19
8210 Aarhus V.
Denmark

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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: 2550088-10
Customer order no: 4500536473
Serial no: U423.27.X-1604-3046, Sensor no: 4058

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	0,477	0,476	11.64137	-0,001	0,014	0,001	-0,07	0,09
1	0 - 2	1,110	1,118	12,92530	0,008	0,043	0,005	0,38	0,27
5	0 - 10	5,114	5,11	12,18146	-0,004	0,000	0,000	-0,04	0,00
25	0 - 50	25,179	25,37	12,12404	0,191	0,067	0,208	0,38	0,42
100	0 - 200	103,777	104,7	12,37701	0,923	0,075	0,936	0,46	0,47

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:	2550088-10
Customer order no:	4500536473
Serial no:	U423.27.X-1604-3046, Sensor no: 4058
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	10,22	5,09	10,10	5,071	-0,120	-0,019	-0,18	-0,08	-0,12
40	40,04	8,27	40,00	8,257	-0,042	-0,014	-0,14	-0,03	-0,09
80	80,31	12,57	80,10	12,545	-0,211	-0,021	-0,20	-0,14	-0,13

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

(Valid without signature / gültig ohne Unterschrift)

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-1604-3046
Date:	08-10-2026 12:25:47
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]
96457,85	0,091	0,093	0,008	0,0012
58705,07	0,150	0,151	0,008	0,0009
9965,26	0,885	0,888	0,010	0,0027
999,84	8,821	8,818	0,100	-0,0032
999,84	8,821	8,829	0,100	0,0075
500,15	17,635	17,647	0,200	0,0119
210,22	41,956	41,980	0,500	0,0239
180,13	48,964	48,948	0,500	-0,0160
100,21	88,019	88,067	1,000	0,0477
40,17	219,563	219,289	5,000	-0,2743
40,17	219,563	219,767	5,000	0,2043
16,20	544,581	545,048	15,000	0,4667
10,20	864,621	865,146	15,000	0,5248

Calibrated by: Baumer A/S

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

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