

# Modification Logfile FI01 - 2006

| Page      | Topic                       | Object   | Action   | Relation   | old text                         | new text   | Date    |
|-----------|-----------------------------|----------|----------|--|----------------------------------|--|---------|
| Chapter 2 |                             |          |          |  |                                  |  |         |
| 2/5       | Technical Specification     | Text     | added    | Accuracy   |                                  | to EN 60770-1  | 02/2006 |
| 2/7       | Technical Specification     | Text     | added    | Accuracy   |                                  | to EN 60770-1  | 02/2006 |
| 2/8       | Dimensional drawings        | Grafic   | added    | Process connection G1" male, flush-mounted           |                                  |  | 02/2006 |
| 2/10      | Selection and Ordering data | Text     | added    | Process connection                                   | G1" male                         | G1" male, flush-mounted                                    | 02/2006 |
| 2/10      | Selection and Ordering data | Text     | modified | Further designs 7MF1564-8CC11                        | supplied calibration certificate | later delivered calibration certificate                    | 02/2006 |
| 2/12      | Technical Specification     | Text     | added    | Accuracy   |                                  | to EN 60770-1  | 02/2006 |
| 2/15      | Technical Specification     | Text     | added    | Accuracy   |                                  | to EN 60770-1  | 02/2006 |
| 2/22      | Technical Specification     | Text     | added    | Design   |                                  | Housing material: copper-poor die-cast alu...              | 02/2006 |
| 2/23      | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)                      |                                  |  | 02/2006 |
| 2/23      | Selection and Ordering data | Text     | deleted  | Explosion protection - Option R                      |                                  |  | 02/2006 |
| 2/23      | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)                   |                                  |  | 02/2006 |
| 2/30      | Technical Specification     | Value    | modified | Input of gage pressure (front flush); max. perm text | 2 bar g                          | 6 bar g  | 01/2006 |
| 2/31      | Technical Specification     | Text     | added    | Accuracy   |                                  | nach EN 60770-1  | 02/2006 |
| 2/31      | Technical Specification     | Text     | added    | Rated operation conditions - Ambient temperature     |                                  | Measuring cell with medical whiteoil (with front-flu       | 01/2006 |
| 2/31      | Technical Specification     | Text     | added    | Medium conditions - Process temperature              |                                  | Measuring cell with silicone oil (with front-flush dia     | 01/2006 |
| 2/31      | Technical Specification     | Text     | added    | Medium conditions - Process temperature              |                                  | Measuring cell with medical whiteoil (with front-flu       | 01/2006 |
| 2/32      | Technical Specification     | Text     | added    | Design (front-flush), Measuring cell filling         | Silikone oil                     | Silicone oil; inert filling liquid; FDA compliant fill flu | 01/2006 |
| 2/32      | Technical Specification     | Text     | added    | Design   |                                  | Housing material: Stainless steel ....                     | 02/2006 |
| 2/34      | Selection and Ordering data | Text     | added    | Mesuring cell filling (7MF8123 and 7MF8124)          |                                  | FDA compliant fill fluid (medical whiteoil)                | 01/2006 |
| 2/34      | Selection and Ordering data | Text     | added    | Measuring cell cleaning (7MF8123 and 7MF8124)        |                                  | normal   | 01/2006 |
| 2/34      | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)                      |                                  |  | 02/2006 |
| 2/35      | Selection and Ordering data | Text     | deleted  | Order code A02                                       |                                  |  | 01/2006 |
| 2/35      | Selection and Ordering data | Text     | added    | new Order Codes N04, N05                             |                                  | Sanitary process connection according DIN 1185             | 01/2006 |
| 2/35      | Selection and Ordering data | Text     | added    | new Order Codes N14, N15                             |                                  | Tri-Clamp connection according DIN 32676                   | 01/2006 |
| 2/35      | Selection and Ordering data | Text     | added    | new Order codes Q53, Q54                             |                                  | Bio-Control (Neumo) sanitary connection                    | 01/2006 |
| 2/35      | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)                   |                                  |  | 02/2006 |
| 2/35      | Selection and Ordering data | Footnote | added    | Acceptance test certificate B (C12)                  |                                  |  | 02/2006 |
| 2/36      | Dimensional drawings        | Grafic   | modified | SITRANS P300 with oval flange                        |                                  |  | 02/2006 |
| 2/36      | Dimensional drawings        | Grafic   | added    | SITRANS P300 with mounting bracket                   |                                  |  | 02/2006 |

# Modification Logfile FI01 - 2006

|      |                             |          |          |                                     |                            |  |         |
|------|-----------------------------|----------|----------|-------------------------------------|----------------------------|--|---------|
| 2/37 | Dimensional drawings        | Value    | modified | Value of H2 in all tables           |                            | approx. 52 mm (2")                               | 01/2006 |
| 2/37 | Dimensional drawings        | Text     | added    | Table DIN 11851 (Dairy connection)  |                            |  | 01/2006 |
| 2/37 | Dimensional drawings        | Text     | added    | Table Tri-Clamp according DIN 32676 |                            |  | 01/2006 |
| 2/37 | Dimensional drawings        | Text     | added    | Table Bio-Control connection        |                            |  | 01/2006 |
| 2/43 | Technical Specification     | Text     | added    | Accuracy                            |                            | nach EN 60770-1                                  | 02/2006 |
| 2/44 | Technical Specification     | Text     | added    | Design                              |                            | Housing material: copper-poor die-cast alu....   | 02/2006 |
| 2/46 | Selection and Ordering data | Text     | added    | Process connection                  | Standard: Thread...        | PMC-Style Standard: thread                       | 02/2006 |
| 2/46 | Selection and Ordering data | Text     | added    | Process connection                  | Minibolt: front-flush ...  | PMC-Style Minibolt: front-flush ...              | 02/2006 |
| 2/48 | Dimensional drawings        | Grafic   | modified | Upper housing dimension             | 144 (567)                  | 144 (5.67)                                       | 01/2006 |
| 2/48 | Dimensional drawings        | Grafic   | modified | Legend 7 and 8 deleted              |                            |  | 01/2006 |
| 2/49 | Technical Specification     | Text     | added    | Accuracy                            |                            | nach EN 60770-1                                  | 02/2006 |
| 2/50 | Technical Specification     | Text     | added    | Design                              |                            | Housing material: stainless steel ....           | 02/2006 |
| 2/52 | Selection and Ordering data | Text     | deleted  | Order code A02                      |                            |  | 01/2006 |
| 2/52 | Selection and Ordering data | Text     | added    | Process connection                  | Standard: thread...        | PMC-Style Standard: thread                       | 02/2006 |
| 2/52 | Selection and Ordering data | Text     | added    | Process connection                  | Minibolt: front-flush ...  | PMC-Style Minibolt: front-flush ...              | 02/2006 |
| 2/59 | Function                    | Text     | deleted  | Available physical units....        | Summierter Massefluss .... |  | 01/2006 |
| 2/61 | Technical Specification     | Text     | added    | Accuracy                            |                            | to EN 60770-1                                    | 02/2006 |
| 2/61 | Technical Specification     | Text     | added    | Input, lower measuring limit        |                            | Meas. cell with silicone oil filling: 30 mbar... | 02/2006 |
| 2/62 | Technical Specification     | Text     | added    | Design                              |                            | Housing material: copper-poor die-cast ...       | 02/2006 |
| 2/65 | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)     |                            |  | 02/2006 |
| 2/66 | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)     |                            |  | 02/2006 |
| 2/67 | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)  |                            |  | 02/2006 |
| 2/67 | Selection and Ordering data | Footnote | added    | Acceptance test certificate B (C12) |                            |  | 02/2006 |
| 2/70 | Technical Specification     | Text     | added    | Accuracy                            |                            | to EN 60770-1                                    | 02/2006 |
| 2/71 | Technical Specification     | Text     | added    | Design                              |                            | Housing material: copper-poor die-cast ...       | 02/2006 |
| 2/74 | Selection and Ordering data | Text     | added    | new Order Code N04, N05             |                            | Sanitary process connection according DIN 1185   | 02/2006 |
| 2/74 | Selection and Ordering data | Text     | added    | new Order Code N14, N15             |                            | Tri-Clamp connection according DIN 32676         | 02/2006 |
| 2/74 | Selection and Ordering data | Text     | added    | new Order Code Q53, Q54             |                            | Bio-Control (Neumo) sanitary connection          | 02/2006 |
| 2/75 | Dimensional drawings        | Grafic   | modified |                                     |                            |  | 01/2006 |
| 2/75 | Dimensional drawings        | Grafic   | modified | Upper housing dimension             | 144 (567)                  | 144 (5.67)                                       | 02/2006 |
| 2/75 | Dimensional drawings        | Grafic   | modified | Legend 7 and 8 deleted              |                            |  | 02/2006 |
| 2/75 | Dimensional drawings        | Text     | added    | Table DIN 11851 (Dairy connection)  |                            |  | 02/2006 |

# Modification Logfile FI01 - 2006

|       |                             |          |          |                                     |                                |  |         |
|-------|-----------------------------|----------|----------|-------------------------------------|--------------------------------|--|---------|
| 2/75  | Dimensional drawings        | Text     | added    | Table Tri-Clamp according DIN 32676 |                                |  | 02/2006 |
| 2/75  | Dimensional drawings        | Text     | added    | Table Bio-Control connection        |                                |  | 02/2006 |
| 2/76  | Technical Specification     | Text     | modified | Input - Spans ....                  | 43 ... 1300 bar a              | 43 ... 1300 mbar a                         | 02/2006 |
| 2/76  | Technical Specification     | Text     | added    | Accuracy                            |                                | to EN 60770-1                              | 02/2006 |
| 2/76  | Technical Specification     | Value    | modified | Accuracy - linear characteristic    | ≤ 0,075%                       | ≤ 0,1%                                     | 02/2006 |
| 2/77  | Technical Specification     | Text     | added    | Design                              |                                | Housing material: copper-poor die-cast ... | 02/2006 |
| 2/80  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)     |                                | -  | 02/2006 |
| 2/81  | Selection and Ordering data | Text     | deleted  | Nominal measuring range B and C     |                                |  | 01/2006 |
| 2/81  | Selection and Ordering data | Value    | modified | Nominal measuring range D           |                                | 250 mbar a ( 3.63 psi a)                   | 01/2006 |
| 2/81  | Selection and Ordering data | Value    | deleted  | Nominal measuring range E           | 1300 mbar a ( 18.9 psi a)      |  | 02/2006 |
| 2/81  | Selection and Ordering data | Value    | modified | Nominal measuring range F           | 5 bar a ( 72.5 psi a)          | 1300 mbar a ( 18.9 psi a)                  | 01/2006 |
| 2/81  | Selection and Ordering data | Value    | modified | Nominal measuring range G           | 30 bar a ( 435 psi a)          | 5 bar a ( 72.5 psi a)                      | 01/2006 |
| 2/81  | Selection and Ordering data | Value    | modified | Nominal measuring range H           |                                | 30 bar a ( 435 psi a)                      | 01/2006 |
| 2/81  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y0)     |                                |  | 02/2006 |
| 2/81  | Selection and Ordering data | Text     | added    | Nominal measuring range D, F, G     |                                | E) für export regulations added (3x)       | 02/2006 |
| 2/81  | Selection and Ordering data | Text     | added    | Wetted parts materials B and C      |                                | E) für export regulations added (2x)       | 02/2006 |
| 2/82  | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)  |                                |  | 02/2006 |
| 2/82  | Selection and Ordering data | Footnote | added    | Acceptance test certificate B (C12) |                                |  | 02/2006 |
| 2/85  | Technical Specification     | Text     | added    | Accuracy                            |                                | to EN 60770-1                              | 02/2006 |
| 2/85  | Technical Specification     | Value    | modified | Accuracy - linear characteristic    | ≤ 0,075%                       | ≤ 0,1%                                     | 02/2006 |
| 2/86  | Technical Specification     | Text     | added    | Design                              |                                | Housing material: copper-poor die-cast ... | 02/2006 |
| 2/89  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y)      |                                |  | 02/2006 |
| 2/90  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y)      |                                |  | 02/2006 |
| 2/90  | Selection and Ordering data | Text     | added    | Nominal measuring range             |                                | E) für export regulations added (3x)       | 02/2006 |
| 2/91  | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)  |                                |  | 02/2006 |
| 2/91  | Selection and Ordering data | Footnote | added    | Acceptance test certificate B (C12) |                                |  | 02/2006 |
| 2/91  | Selection and Ordering data | Text     | modified | Digital indicator ... (D27)         | ... devices 7MF4333-....0-.A.6 | ... devices 7MF4333-....2-.A.6             | 02/2006 |
| 2/94  | Technical Specification     | Text     | added    | Accuracy                            |                                | to EN 60770-1                              | 02/2006 |
| 2/95  | Technical Specification     | Text     | added    | Design                              |                                | Housing material: copper-poor die-cast ... | 02/2006 |
| 2/98  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y)      |                                |  | 02/2006 |
| 2/99  | Selection and Ordering data | Footnote | added    | Version for diaphragm seal (Y)      |                                |  | 02/2006 |
| 2/100 | Selection and Ordering data | Footnote | added    | Manufacturer's certificate M (C11)  |                                |  | 02/2006 |

# Modification Logfile FI01 - 2006

|                  |                             |          |          |  |   |  |         |
|------------------|-----------------------------|----------|----------|--|---|--|---------|
| 2/100            | Selection and Ordering data | Footnote | added    | Acceptance test certificate B (C12)                |   |  | 02/2006 |
| 2/100            | Selection and Ordering data | Text     | modified | Digital indicator ... (D27)                        | ... devices 7MF4433-....0-.A.6                      | ... devices 7MF4433-....2-.A.6               | 02/2006 |
| 2/109            | Technical Specification     | Text     | added    | Accuracy   |   | to EN 60770-1                                | 02/2006 |
| 2/110            | Technical Specification     | Text     | added    | Design   |   | Housing material: copper-poor die-cast ...   | 02/2006 |
| 2/118            | Technical Specification     | Text     | added    | Accuracy   |   | to EN 60770-1                                | 02/2006 |
| 2/124            | Selection and Ordering data | Text     | added    | CD with documentation (A5E00090345)                | for MK II, DS III, .... Series                      | for MK II, P300, DS III, .... Series         | 01/2006 |
| 2/126            | Technical Specification     | Text     | added    | Accuracy   |   | to EN 60770-1                                | 02/2006 |
| 2/137            | Selection and Ordering data | Footnote | added    | Diaphragm seal for pressure                        |   |  | 02/2006 |
| 2/137            | Selection and Ordering data | Text     | deleted  | Diaphragm seal for absolute pressure               | 7MF423■ and 7MF433■; scope of delivery ....         | 7MF433■; scope of delivery ....              | 02/2006 |
| 2/140            | Selection and Ordering data | Footnote | added    | Diaphragm seal for pressure                        |   |  | 02/2006 |
| 2/140            | Selection and Ordering data | Text     | deleted  | Diaphragm seal for absolute pressure               | 7MF423■ and 7MF433■; scope of delivery ....         | 7MF433■; scope of delivery ....              | 02/2006 |
| 2/143            | Selection and Ordering data | Footnote | added    | Diaphragm seal directly fitted ...                 |   |  | 02/2006 |
| 2/149            | Selection and Ordering data | Footnote | added    | Quick-release diaphragm seal                       |   |  | 02/2006 |
| 2/151            | Selection and Ordering data | Footnote | added    | Miniature diaphragm seal                           |   |  | 02/2006 |
| 2/155            | Selection and Ordering data | Footnote | added    | Clamp-on seal for flange mounting ... for pressure |   |  | 02/2006 |
| 2/158            | Selection and Ordering data | Footnote | added    | Quick-release clamp-on seal ...                    |   |  | 02/2006 |
| 2/165            | Overview                    | Text     | modified | Cross reference                                    | Installation type, see pages 2/144 and 2/45         | Installation type, see pages 2/161 and 2/162 | 01/2006 |
| 2/167            | Overview                    | Text     | modified | Cross reference                                    | Installation type, see pages 2/144 and 2/45         | Installation type, see pages 2/161 and 2/162 | 01/2006 |
| 2/201            | Overview                    | Text     | modified | Overview   | ... double shut-off valves 7MF9011-4DA und -4EA ... | ... double shut-off valves 7MF9011-4.A ...   | 01/2006 |
| 2/201            | Selection and Ordering data | Text     | added    | Mounting set for shut-off valves                   |   | • 7MF9011-4DA and -4EA                       | 01/2006 |
| 2/201            | Selection and Ordering data | Text     | added    | Mounting set for shut-off valves                   |   | • 7MF9011-4FA and -4GA                       | 01/2006 |
|                  |                             |          |          |  |   |  |         |
| <b>Chapter 3</b> |                             |          |          |  |   |  |         |
| 3/2              | Overview                    | Text     | added    | SITRANS TW, Sensor                                 | Zone 1, Zone 0                                      | Zone 1, Zone 0, Zone 21, Zone 20             | 02/2006 |
|                  |                             |          |          |  |   |  |         |
| <b>Chapter 4</b> |                             |          |          |  |   |  |         |
| 4/1              | Content list                | Text     | added    | SITRANS F C (coriolis); 4/112                      | MASS 6000 IP67                                      | MASS 6000 IP67, compact/remote               | 12/2005 |
| 4/1              | Content list                | Text     | modified | SITRANS F US (ultrasonic); 4/193                   | SITRANS FU380                                       | SITRANS FUS380                               | 12/2005 |
| 4/5              | Overview                    | Text     | added    | SITRANS FUS380, complete short description         |   |  | 12/2005 |
| 4/68             | Technical Specification     | Text     | added    | Design - Material - Electrodes                     |   | Standard                                     | 12/2005 |
| 4/82             | Selection and Ordering data | Text     | added    | HART modem: identified from stock (2x)             |   |  | 02/2006 |
| 4/84             | Technical Specification     | Text     | modified | Medium conditions - Minimum conductivity           | 0,008 µS/cm depending on medium                     | 0,1 µS/cm depending on medium                | 12/2005 |

# Modification Logfile FI01 - 2006

|                   |                             |            |          |   |  |  |         |
|-------------------|-----------------------------|------------|----------|---|--|--|---------|
| 4/98              | Technical Specification     | Text       | modified | Table text OIML R49 , 1. column (8x)          | [m3/h]                                     | [m³/h]                                     | 12/2005 |
| 4/95              | Technical Specification     | Text       | modified | Meter - Enclosure                             | ... submersible potting                    | ... potting kit                            | 12/05   |
| 4/103             | Selection and Ordering data | Grafic     | modified | FDK:087L4165                                  |  |  | 12/2005 |
| 4/128             | Technical Specification     | Value      | modified | dimensions                                    | 130 x 200 x 60 mm (5.12" x 7.87" x 2.36")  | 135 x 205 x 58 mm (5.31" x 8.07" x 2.28")  | 02/2006 |
| 4/160             | Dimensional drawings        | Grafic     | modified | Transmitter IP67 for wall mounting            |  |  | 12/2005 |
| 4/177             | Selection and Ordering data | Text       | added    | Order Codes E12 and E13 with description      |  |  | 12/2005 |
| 4/179             | Dimensional drawings        | Grafic     | modified | SONO 3000 CT, IP67 (NEMA 4X/6), wall mounting |  |  | 12/2005 |
| 4/186             | Dimensional drawings        | Grafic     | modified | SONO 3000 CT, IP67 (NEMA 4X/6), wall mounting |  |  | 12/2005 |
| 4/193-4/199       | Content                     | completely | modified | SITRANS FUS380                                | SITRANS FU380                              | SITRANS FUS380                             | 03/2006 |
| 4/208             | Technical Specification     | Text       | deleted  | Supply data, Battery lifetime                 | .... with SONO 2500                        | –  | 12/2005 |
| 4/209             | Selection and Ordering data | Text       | modified | SITRANS FUE950-....                           | Energy calculator for SONO CT/SONOCAL 3000 | Energy calculator for SONO CT/SONOCAL 3000 | 12/2005 |
| 4/209             | Selection and Ordering data | Footnote   | modified | Footnote text 2)                              | ... for SITRANS FUE 950                    | ... for SITRANS FUE950 Energy calculator   | 12/2005 |
| 4/216             | Selection and Ordering data | Text       | modified | Cables, 75W, 200°C, 15m                       | FDK: 085B1397                              | FDK: 085B1379                              | 12/2005 |
| 4/312             | Selection and Ordering data | Text       | modified | Order No.                                     | 7MR1111-.RK..-.... -Z                      | 7MR1111-.PK..-.... -Z                      | 01/2006 |
|                   |                             |            |          |   |  |  |         |
| <b>Chapter 10</b> |                             |            |          |   |  |  |         |
| 10/11             | Overview                    | Text       | added    | Field indicator SITRANS T                     |  |  | 02/2006 |
|                   |                             |            |          |   |  |  |         |
|                   |                             |            |          |   |  |  |         |
|                   |                             |            |          |   |  |  |         |
|                   |                             |            |          |   |  |  |         |