

station type

#IME? 016 @



Copyright: Andreja Kolenc, Bojan Černač

Project name: **amws\_solar\_radiation\_group**

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Description: data format specifications

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016 @  
amws @

solar\_radiation\_group [SMP11]

| station type                 | physical properties        | interface                  | measuring physical properties | assembling    | sensor type |
|------------------------------|----------------------------|----------------------------|-------------------------------|---------------|-------------|
| #IME? 016 @ 0043             |                            | 12                         | 04                            | 05            | 008         |
|                              | physical properties        | interface                  | measuring physical properties | assembling    | sensor type |
|                              | 000 nc [DEF]               | 00 nc [DEF]                | 00 nc [DEF]                   | 00 nc [DEF]   | 000 [DEF]   |
|                              |                            | 01 VI (voltage_input)      | 01 global_solar_radiation     | 01 mast1_10m  | 001 CPM11-G |
|                              |                            | 02 CI (4..20mA)            | 02 diffuse_solar_radiation    | 02 mast_120cm | 002 CPM11-D |
|                              | 0043 solar_radiation_group | 03 PC (pulse_count)        | 03 smp11_body_temperature     | 03 mast_150cm | 003 SPN1    |
|                              |                            | 04 RM (resist_measure)     | 04 smp11_supply_voltage       | 04 mast_160cm | 004 UVS-B-T |
|                              |                            | 05 FM (frequency_measureme | 05 smp11_status               | 05 mast_200cm | 005 SONI e3 |
|                              |                            | 06 Digital Input           | 06                            | 06 mast_230cm | 006 CSD3    |
|                              |                            | 07 Digital Output          | 07                            | 07            | 007 SD6     |
|                              |                            | 08                         | 08                            | 08            | 008 SMP11-G |
|                              |                            | 09                         | 09                            | 09            | 009 SMP11-D |
|                              |                            | 10 SDI12                   | 10                            | 10            | 010         |
|                              |                            | 11 rs232                   | 11                            |               | 011         |
|                              |                            | 12 rs485                   | 12                            |               |             |
|                              |                            | 14 ETH (ethernet)          | 14                            |               |             |
|                              |                            | 15 WL (wireless)           | 15                            |               | 990 test1   |
|                              |                            | 16 gray code               | 16                            |               | 991 test2   |
|                              |                            | 17 bin code                | 17                            |               | 992 test3   |
|                              |                            | 18 bcd code                | 18                            |               | 993 test4   |
|                              |                            | 19 1_wireBus               | 19                            |               | 994 test5   |
|                              |                            | 20 spi_bus                 | 20                            |               | ...         |
|                              |                            | 21 I2C_bus                 | 21                            |               |             |
|                              |                            | 22                         | 22                            |               |             |
|                              |                            |                            | 23                            |               |             |
|                              | ...                        | ...                        | 98 SN                         | ...           | ...         |
| 016 @ 0043                   |                            | 12                         | 04                            | 05            | 008         |
| amws @ solar_radiation_group |                            | rs485                      | smp11_supply_voltage          | mast_200cm    | SMP11-G     |

| CPCODE                          | Pxxx  | PP                                | INTF  | MPP                      | ASMB           | ST      | MF             | SN          | MR    | U   | RES |
|---------------------------------|-------|-----------------------------------|-------|--------------------------|----------------|---------|----------------|-------------|-------|-----|-----|
| 016 @ 0043 . 12 . 04 . 05 . 008 |       | solar_radiation_group             | rs485 | smp11_supply_voltage     | mast_20<br>0cm | SMP11-G |                |             |       |     |     |
| channel property_code           |       | decode from channel property_code |       |                          |                |         | meta data      |             |       |     |     |
| 016 @ 0043 . 12 . 01 . 05 . 008 | P3300 | solar_radiation_group             | rs485 | global_solar_radiation   | 1ast_200c      | SMP11-G | www.kippzonen. | -400...4000 | W.m-2 | 0.1 |     |
| 016 @ 0043 . 12 . 03 . 05 . 008 | I3101 | solar_radiation_group             | rs485 | smp11_body_temperature   | 1ast_200c      | SMP11-G | www.kippzonen. | -40...+80   | st. C | 0.1 |     |
| 016 @ 0043 . 12 . 04 . 05 . 008 | I3102 | solar_radiation_group             | rs485 | smp11_supply_voltage     | 1ast_200c      | SMP11-G | www.kippzonen. | 5...30      | Vdc   | 0.1 |     |
| 016 @ 0043 . 12 . 05 . 05 . 008 | S3300 | solar_radiation_group             | rs486 | smp11_status             | 1ast_200c      | SMP11-G | www.kippzonen. | 0...03FC    | -     | 1   |     |
|                                 | SN    |                                   |       |                          |                |         |                |             |       |     |     |
| 016 @ 0043 . 12 . 02 . 05 . 009 | P3303 | solar_radiation_group             | rs485 | diffusse_solar_radiation | 1ast_200c      | SMP11-D | www.kippzonen. | -400...4000 | W.m-2 | 0.1 |     |
| 016 @ 0043 . 12 . 03 . 05 . 009 | I3101 | solar_radiation_group             | rs485 | smp11_body_temperature   | 1ast_200c      | SMP11-D | www.kippzonen. | -40...+80   | st. C | 0.1 |     |
| 016 @ 0043 . 12 . 04 . 05 . 009 | I3102 | solar_radiation_group             | rs485 | smp11_supply_voltage     | 1ast_200c      | SMP11-D | www.kippzonen. | 5...30      | Vdc   | 0.1 |     |
| 016 @ 0043 . 12 . 05 . 05 . 009 | S3303 | solar_radiation_group             | rs486 | smp11_status             | 1ast_200c      | SMP11-D | www.kippzonen. | com/        |       |     |     |
|                                 | SN    |                                   |       |                          |                |         |                |             |       |     |     |
| channel property_code           |       | decode from channel property_code |       |                          |                |         | meta data      |             |       |     |     |

solar\_radiation\_group [SMP11]

channel property:

|         |                             | Ts = 10 [sec] |      |      |      |       |      |     |      |      |      |      |     |     |         |      |      |    |       |       |       |       |
|---------|-----------------------------|---------------|------|------|------|-------|------|-----|------|------|------|------|-----|-----|---------|------|------|----|-------|-------|-------|-------|
| Channel |                             | _X15          | _X14 | _X13 | _X12 | _X11  | _X10 | _X9 | _X8  | _X7  | _X6  | _X5  | _X4 | _X3 | _X2     | _X1  | _X0  | Ts | PAR_3 | PAR_2 | PAR_1 | PAR_0 |
| ch00    | 016@0043.12.01.05.00€ P3300 | input         | nc   | nc   | 50   | input | nc   | nc  | 4000 | -400 | 4000 | -400 | nc  | nc  | -20  70 | 4000 | -400 | 10 | 0     | 0     | 1     | 0     |
| ch01    | 016@0043.12.03.05.00€ I3101 | input         | nc   | nc   | 3    | input | nc   | nc  | 80   | -40  | 80   | -40  | nc  | nc  | -20  70 | 80   | -40  | 10 | 0     | 0     | 1     | 0     |
| ch02    | 016@0043.12.04.05.00€ I3102 | input         | nc   | nc   | nc   | input | nc   | nc  | 30   | 5    | 30   | 5    | nc  | nc  | -20  70 | 30   | 5    | 10 | 0     | 0     | 1     | 0     |
| ch03    | 016@0043.12.05.05.00€ S3300 | input         | nc   | nc   | nc   | input | nc   | nc  | 03FC | 0    | 03FC | 0    | nc  | nc  | -20  70 | 03FC | 0    | 10 | 0     | 0     | 1     | 0     |

| Channel | _X15 | _X14 | _X13 | _X12 | _X11 | _X10 | _X9 | _X8 | _X7 | _X6 | _X5 | _X4 | _X3 | _X2 | _X1 | _X0 | Ts | PAR_3 | PAR_2 | PAR_1 | PAR_0 |
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|-------|-------|-------|
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|-------|-------|-------|

| validity register:                | D15 | D14 | D13  | D12                      | D11 | D10 | D9 | D8 | D7 | D6                                   | D5 | D4 | D3 | D2 | D1 | D0 |           |     |
|-----------------------------------|-----|-----|------|--------------------------|-----|-----|----|----|----|--------------------------------------|----|----|----|----|----|----|-----------|-----|
| _V0 [MIN=x..][MAX=x..][DEF=0]     | D0  |     | _X0  | low_value                |     |     |    |    |    | _pval < _V0                          |    |    |    |    |    |    | ► set bit | D0  |
| _V1 [MIN=x..][MAX=x..][DEF=100.0] | D1  |     | _X1  | high_value               |     |     |    |    |    | _pval > _V1                          |    |    |    |    |    |    | ► set bit | D1  |
| _V2 [DEF=-10.0][DEF=70.0]         | D2  |     | _X2  | out_of_temp              |     |     |    |    |    | V_stC="20" MAX_stC="40" MIN_stC="-1( |    |    |    |    |    |    | ► set bit | D2  |
| _V3 nc                            | D3  |     | _X3  | X3                       |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D3  |
| _V4 nc                            | D4  |     | _X4  | X4                       |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D4  |
| _V5 [MIN=x..][MAX=x..][DEF=0]     | D5  |     | _X5  | sensor_range_min         |     |     |    |    |    | _pval < _V4                          |    |    |    |    |    |    | ► set bit | D5  |
| _V6 [MIN=x..][MAX=x..][DEF=100.0] | D6  |     | _X6  | sensor_range_max         |     |     |    |    |    | _pval > _V5                          |    |    |    |    |    |    | ► set bit | D6  |
| _V7 [MIN=x..][MAX=x..][DEF=0]     | D7  |     | _X7  | logical_sensor_range_min |     |     |    |    |    | _pval < _V6                          |    |    |    |    |    |    | ► set bit | D7  |
| _V8 [MIN=x..][MAX=x..][DEF=100.0] | D8  |     | _X8  | logical_sensor_range_max |     |     |    |    |    | _pval > _V7                          |    |    |    |    |    |    | ► set bit | D8  |
| _V9 nc                            | D9  |     | _X9  | X9                       |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D9  |
| _V10 input var                    | D10 |     | _X10 | comm_fail                |     |     |    |    |    | commfail                             |    |    |    |    |    |    | ► set bit | D10 |
| _V11 input var                    | D11 |     | _X11 | X11                      |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D11 |
| _V12 [MIN=x..][MAX=x..][DEF=1]    | D12 |     | _X12 | step_value               |     |     |    |    |    | pval(i) - _pval(i-1) > _V11          |    |    |    |    |    |    | ► set bit | D12 |
| _V13 nc                           | D13 |     | _X13 | no_flow                  |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D13 |
| _V14 nc                           | D14 |     | _X14 | X14                      |     |     |    |    |    | reserved                             |    |    |    |    |    |    |           | D14 |
| _V15 [true,false] [DEF=false]     | D15 |     | _X15 | servis                   |     |     |    |    |    | door is open                         |    |    |    |    |    |    | ► set bit | D15 |

|         |                       |               |
|---------|-----------------------|---------------|
| ► _rval | ► _pval[10days]       | ► _pvalString |
|         | ► _pvalidity[10 days] | ► _pvalidity  |

solar\_radiation\_group [SMP11]

channel property:

|         |                       |       | Tp = 10 [min] |      |      |      |       |      |     |      |      |      |      |     |     |         |      |      |
|---------|-----------------------|-------|---------------|------|------|------|-------|------|-----|------|------|------|------|-----|-----|---------|------|------|
| Channel |                       |       | _Y15          | _Y14 | _Y13 | _Y12 | _Y11  | _Y10 | _Y9 | _Y8  | _Y7  | _Y6  | _Y5  | _Y4 | _Y3 | _Y2     | _Y1  | _Y0  |
| ch00    | 016@0043.12.01.05.00€ | P3300 | input         | nc   | nc   | 50   | input | nc   | nc  | 4000 | -400 | 4000 | -400 | nc  | nc  | -20  70 | 4000 | -400 |
| ch01    | 016@0043.12.03.05.00€ | I3101 | input         | nc   | nc   | 3    | input | nc   | nc  | 80   | -40  | 80   | -40  | nc  | nc  | -20  70 | 80   | -40  |
| ch02    | 016@0043.12.04.05.00€ | I3102 | input         | nc   | nc   | nc   | input | nc   | nc  | 30   | 5    | 30   | 5    | nc  | nc  | -20  70 | 30   | 5    |
| ch03    | 016@0043.12.05.05.00€ | S3300 | input         | nc   | nc   | nc   | input | nc   | nc  | 03FC | 0    | 03FC | 0    | nc  | nc  | -20  70 | 03FC | 0    |

| Channel | _Y15 | _Y14 | _Y13 | _Y12 | _Y11 | _Y10 | _Y9 | _Y8 | _Y7 | _Y6 | _Y5 | _Y4 | _Y3 | _Y2 | _Y1 | _Y0 |
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

| validity register: |                                 | D15 | D14                            | D13 | D12 | D11 | D10 | D9  | D8 | D7 | D6 | D5 | D4        | D3 | D2 | D1  | D0 |
|--------------------|---------------------------------|-----|--------------------------------|-----|-----|-----|-----|---|----|----|----|----|-----------|----|----|-----|----|
| _V0                | [MIN=0][MAX=x...][DEF=0]        | D0  | _Y0 low_value                  |     |     |     |     | _avr@Tp < _V0                                       |    |    |    |    | ▶ set bit |    |    | D0  |    |
| _V1                | [MIN=0][MAX=x...][DEF=100.0]    | D1  | _Y1 high_value                 |     |     |     |     | _avr@Tp > _V1                                       |    |    |    |    | ▶ set bit |    |    | D1  |    |
| _V2                | [MIN=-10.0][MAX=70.0][DEF=20.0] | D2  | _Y2 out_of_temp                |     |     |     |     | c_Y2 & (_Y11==off)                                  |    |    |    |    | ▶ set bit |    |    | D2  |    |
| _V3                | nc                              | D3  | _Y3 Y3                         |     |     |     |     | reservevd   |    |    |    |    |           |    |    | D3  |    |
| _V4                | nc                              | D4  | _Y4 Y4                         |     |     |     |     | reserved  |    |    |    |    |           |    |    | D4  |    |
| _V5                | [MIN=x...][MAX=x...][DEF=0]     | D5  | _Y5 sensor_range_min           |     |     |     |     | _min@Tp < _V5                                       |    |    |    |    | ▶ set bit |    |    | D5  |    |
| _V6                | [MIN=x...][MAX=x...][DEF=100.0] | D6  | _Y6 sensor_range_max           |     |     |     |     | _max@Tp > _V6                                       |    |    |    |    | ▶ set bit |    |    | D6  |    |
| _V7                | [MIN=x...][MAX=x...][DEF=0]     | D7  | _Y7 logical_sensor_range_min   |     |     |     |     | _min@Tp < _V7                                       |    |    |    |    | ▶ set bit |    |    | D7  |    |
| _V8                | [MIN=x...][MAX=x...][DEF=100.0] | D8  | _Y8 logical_sensor_range_max   |     |     |     |     | _max@Tp > _V8                                       |    |    |    |    | ▶ set bit |    |    | D8  |    |
| _V9                | [MIN=x...][MAX=x...][DEF=100.0] | D9  | _Y9 max_min_absolute_deviation |     |     |     |     | (_max@Tp - _avr@Tp > _V8) V ( _avr@Tp - _min@Tp > _ |    |    |    |    | ▶ set bit |    |    | D9  |    |
| _V10               | nc                              | D10 | _Y10 max-avg-min               |     |     |     |     | (_max@Tp < _avr@Tp) V ( _avr@Tp < _min@Tp)          |    |    |    |    | ▶ set bit |    |    | D10 |    |
| _V11               | [MIN=0][MAX=100][DEF=75%]       | D11 | _Y11 aq_ratio                  |     |     |     |     | _aq_ratio@Tp < _V11                                 |    |    |    |    | ▶ set bit |    |    | D11 |    |
| _V12               | [MIN=x...][MAX=x...][DEF=0]     | D12 | _Y12 step_value                |     |     |     |     | (_max@Tp - _min@Tp) > _Y12 & (_Y11==true)           |    |    |    |    | ▶ set bit |    |    | D12 |    |
| _V13               | nc                              | D13 | _Y13 Y13                       |     |     |     |     | reserved  |    |    |    |    |           |    |    | D13 |    |
| _V14               | nc                              | D14 | _Y14 Y14                       |     |     |     |     | reserved  |    |    |    |    |           |    |    | D14 |    |
| _V15               | [true,false] [DEF=false]        | D15 | _Y15 servis                    |     |     |     |     | door is open  |    |    |    |    | ▶ set bit |    |    | D15 |    |

|   |            |   |                   |   |             |   |        |
|---|------------|---|-------------------|---|-------------|---|--------|
| ▶ | _pval      | ▶ | _pval[180min]     | ▶ | _pvalString | ▶ |        |
| ▶ | _rvalidity | ▶ | _validity[180min] | ▶ |             | ▶ | _pvalS |

solar\_radiation\_group [SMP11]

pluvio\_status

Ts = 10 [sec]

|         |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Channel | _S15 | _S14 | _S13 | _S12 | _S11 | _S10 | _S9 | _S8 | _S7 | _S6 | _S5 | _S4 | _S3 | _S2 | _S1 | _S0 |
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

ch03 016@0043.12.05.05.00€ S3300 \_statusSMP11@Tp

| error messages |      |      |      |      |      |     |     |     |     |     |     |     | info messages |     |     |
|----------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|---------------|-----|-----|
| _S15           | _S14 | _S13 | _S12 | _S11 | _S10 | _S9 | _S8 | _S7 | _S6 | _S5 | _S4 | _S3 | _S2           | _S1 | _S0 |

validity register:

|     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| D15 | D14 | D13 | D12 | D11 | D10 | D9 | D8 | D7 | D6 | D5 | D4 | D3 | D2 | D1 | D0 |
|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|

|      |     |         |   |  |  |  |  |  |  |  |  |  |  |  |  |           |     |
|------|-----|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|-----------|-----|
| _S0  | D0  | - c_S0  |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D0  |
| _S1  | D1  | - c_S1  |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D1  |
| _S2  | D2  | - c_S2  | 2 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D2  |
| _S3  | D3  | - c_S3  | 3 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D3  |
| _S4  | D4  | - c_S4  | 4 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D4  |
| _S5  | D5  | - c_S5  | 5 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D5  |
| _S6  | D6  | - c_S6  | 6 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D6  |
| _S7  | D7  | - c_S7  | 7 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D7  |
| _S8  | D8  | - c_S8  | 8 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D8  |
| _S9  | D9  | - c_S9  | 9 |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D9  |
| _S10 | D10 | - c_S10 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D10 |
| _S11 | D11 | - c_S11 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D11 |
| _S12 | D12 | - c_S12 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D12 |
| _S13 | D13 | - c_S13 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D13 |
| _S14 | D14 | - c_S14 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D14 |
| _S15 | D15 | - c_S15 |   |  |  |  |  |  |  |  |  |  |  |  |  | ► set bit | D15 |

tring ►

Processed Tp values

Tp=10min

|      |                       |       |         |           |     |     |         |     |         |      |       |         |
|------|-----------------------|-------|---------|-----------|-----|-----|---------|-----|---------|------|-------|---------|
| ch00 | 016@0043.12.01.05.00€ | P3300 | aqRatic | pValidity | avg | max | maxTime | min | minTime | term | stdev | pStatus |
| ch01 | 016@0043.12.03.05.00€ | I3101 | aqRatic | pValidity | avg | max | maxTime | min | minTime | term | stdev | pStatus |
| ch02 | 016@0043.12.04.05.00€ | I3102 | aqRatic | pValidity | avg | max | maxTime | min | minTime | term | stdev | pStatus |

| channel_ID | channel property_code | channel Pxxx_parameter_code | Tp_aquisition ratio | Tp_validity | Tp_average value | Tp_maximum value | time of Tp_maximum value | Tp_minimum value | time of Tp_minimum value | Tp_terminal value | Tp_sandard deviation | Tp_sensor status |
|------------|-----------------------|-----------------------------|---------------------|-------------|------------------|------------------|--------------------------|------------------|--------------------------|-------------------|----------------------|------------------|
| PA example |                       |                             |                     |             |                  |                  |                          |                  |                          |                   |                      |                  |
| ch00       | 016@0043.12.01.05.00€ | P3300                       | 100                 | 0000        | 851              | 855              | 15:19                    | 843              | 15:13                    | 855               | 0.4                  | 0000             |
| ch01       | 016@0043.12.03.05.00€ | I3101                       | 100                 | 0000        | 22.3             | 22.3             | 15:19                    | 22.3             | 15:13                    | 22.3              | 0.1                  | 0000             |
| ch02       | 016@0043.12.04.05.00€ | I3102                       | 100                 | 0000        | 15.1             | 15.1             | 15:19                    | 15.1             | 15:13                    | 15.1              | 0.1                  | 0000             |

solar\_radiation\_group

**Report format - description**

Tp=10min

|    | data                  | Opis                                   | Variables           | Format       |
|----|-----------------------|--|---------------------|--------------|
| 1  | ch00@CPU_0:64005      | Indeks kanala@cpu:port                 | ch_idx@cpu_idx:port | %02d@%s:%04d |
| 2  | 016@0043.12.01.05.008 | koda postaje@koda kanala               | station_code@cpcode | %s@%s        |
| 3  | P3300                 | Koda parametra                         | pcode               | %s           |
| 4  | 100                   | Odstotek dobrih podatkov               | aqRatio             | %.0f         |
| 5  | 0000                  | veljavnost podatkov                    | pValidity           | %04x         |
| 6  | 851                   | povprečna vrednost v polnem intervalu  | avg                 | %.0f         |
| 7  | 855                   | maksimalna vrednost v polnem intervalu | max                 | %.0f         |
| 8  | 15:19                 | čas maksimuma                          | maxTime             | %H:%M        |
| 9  | 843                   | minimalna vrednost v polnem intervalu  | min                 | %.0f         |
| 10 | 15:13                 | čas minimuma                           | minTime             | %H:%M        |
| 11 | 855                   | terminska vrednost                     | term                | %.0f         |
| 12 | 0.1                   | standardna deviacija                   | stdev               | %.1f         |
| 13 | 0000                  | status podatka                         | pStatus             | %04x         |

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► **\_pvalString**

**append(\_pvalString)**