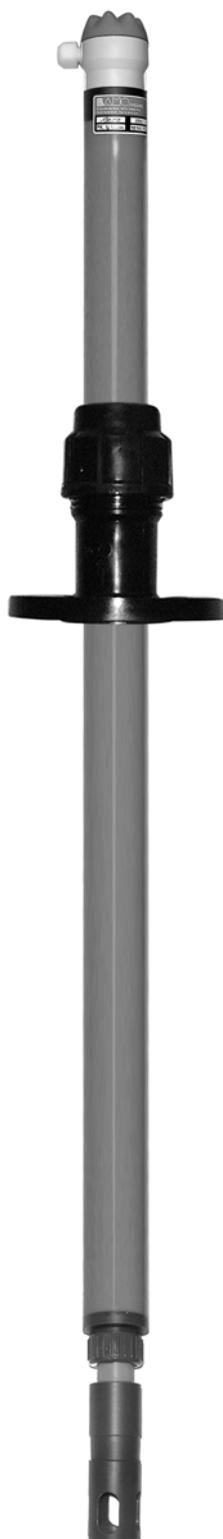


pH - ORP IMMERSION PROBE 9336



- Electrode holder and protection
- Easy calibration: buffer flask grips on
- Flange or PE collar fitting
- For any KCl gel type electrodes
- For PG 13.5 electrode threaded connection
- PVC, PPH or stainless steel construction
- Wire outlet through a PG 9

APPLICATIONS

This immersion probe 9336 is convenient for all pH or ORP measurements in tank, drain, basin, open channel.

Standard construction is of with grey PVC parts and a red PVC tube. The electrode holder in PVC or PPH is specially designed to avoid electrode damage during calibration. Electrode protection end is removed from the holder; the buffer flask (buffers 9011/ 9012/ 9013/ 9015) is then gripped on the holder during the entire calibration step. There is no need to hold the probe during these operations, it can stand on floor.

CODE NUMBERS AND REFERENCES

Code	Reference	Designation
130 150	9336 PVC	PVC 1 m long probe for one electrode
130 250	9336 PPH	PPH 1 m long probe for one electrode
131 150	9336 SS 316L	Stainless steel 1 m long probe for one electrode
130 112	9358 PE	ND50 PE flange, dip length adjustment for 9336
130 113	9337/ PPH	PPH bucket for probe 9336

TECHNICAL FEATURES

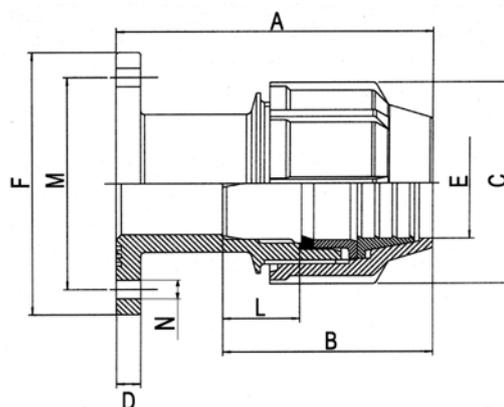
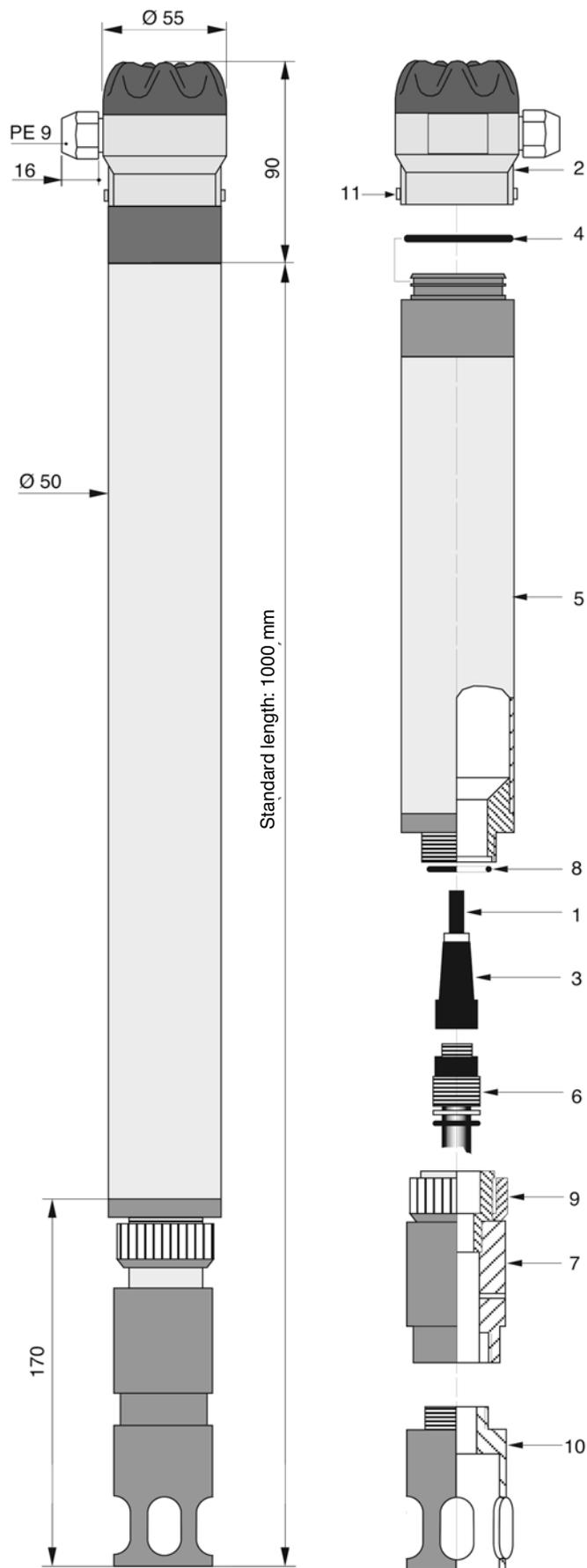
Immersion height:	Standard length 1000 mm (from 200 to 3000 mm on request)
Construction:	PVC (PPH or stainless steel 316L on request)
Housing:	PBT glass fiber reinforced – IP 65
Cable output:	PG 9
Mounting:	With PE DN50 flange 9358; for dip adjustment or PE collar, 50 mm diameter
Maximal pressure	PVC and PPH: 4 bar / stainless steel: 16 bar
Maximal temperature	PVC: 55 °C PPH: 100 °C Stainless steel 316L: 135 °C

Maximal pressure and temperature depend of mounted electrode.
Pressure and temperature value are not for simultaneous conditions.

ELECTRODES

Associated electrodes for our pH and ORP products are described on the documentation N° 150-01.

Only electrodes with sealing by Pg 13.5 thread could be mounted on our probes.



Type	DN	F	M	D	N (x4)	E	C	A
9358	50	174	125	18	Ø 18	65	117	193

ELECTRODE MOUNTING

Introduce the pH measurement cable 9060 (1) through the cable gland and probe head (2). A cable length of probe length plus 20 cm would be necessary.

Mount, connect and weld on the connector 9054 (3) to the cable (see documentation pH160 – msa160-9054).

Check the O' ring (4) is on place.

Screw the probe head (2) on extension tube (5).

Ensure that the connector goes out from the tube.

Install the pH or ORP electrode (6) on the holder (7).

Check the O' ring (8) is on place.

Screw tightly the connector on the electrode.

Pull smoothly the cable from through the cable gland, in order to have the electrode holder (7) close to the extension tube.

The cable must not be stretched inside the tube.

Screw the nut (9) keeping the holder (to protect the cable) in its position.

Tight firmly this nut by hand, not excessively.

Prevent the electrode holder to rotate during this operation.

Screw tightly the cable gland on the head.

Rotate the head in the good position and block it with the two screws (11)

ELECTRODE DISMOUNTING

To dismantle the electrode, proceed as above on reverse steps. Careful not to loose the O' ring.

CALIBRATION

You may find detailed all instructions in the instruction manuals of pH or ORP meters.

Unscrew the electrode protection end (10). Clean up the electrode with water (do not wrap it with paper neither tissue). Adapt the buffer flask on the holder (7).

The flask grips on it, the probe can lay down the floor.

Ending the calibration sequences, screw in the electrode protection and lock it smoothly.

BAMO MESURES

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pH - ORP
IMMERSION PROBE
9336

23-07-2007

130 I1 01 D

pH

130-01/2

pH - ORP IMMERSION PROBE 9346

135



- Electrodes holder and protection
- 2 or 3 electrodes, thread PG 13.5
- PVC or PPH construction
- Flange or PE collar fitting
- Wire outlet through a cable gland
- Easy mounting on site

APPLICATIONS

This immersion probe 9346 is convenient for all pH or ORP measurements in tank, drain, basin, open channel, with or without temperature compensation. The electrode holder in PVC or PPH is specially designed to avoid electrode damage during calibration and troubles due to humidity.

CODE NUMBERS AND REFERENCES

Code	Reference	Designation
135 520	9346/2 PVC	PVC 1 m long probe for 2 electrodes (Thread Pg 13,5)
135 530	9346/3 PVC	PVC 1 m long probe for 3 electrodes (Thread Pg 13,5)
135 620	9346/2 PPH	PPH 1 m long probe for 2 electrodes (Thread Pg 13,5)
135 630	9346/3 PPH	PPH 1 m long probe for 2 electrodes (Thread Pg 13,5)
135 112	9358 PE	ND65 PE flange, dip length adjustment for 9346
P41 576	Collier Ø 75 PE	avec archet PVC-C

TECHNICAL FEATURES

Immersion height: Standard length 1000 mm
(from 200 to 3000 mm on request)

Construction: PVC or PPH

Mounting: With DN65 PE flange 9358; for dip adjustment
or PE collar, 75 mm diameter

Maximal pressure PVC and PPH: 4 bar

Maximal temperature PVC: 55 °C
PPH: 100 °C

Maximal pressure and temperature depend of mounted electrodes.
Pressure and temperature values are not for simultaneous conditions.

ELECTRODES

Associated electrodes for our pH and ORP products are described on the documentation N° 150.
Only electrodes with sealing by Pg 13.5 thread could be mounted on our probes.

TEMPERATURE SENSOR 9090

Please refer to our documentation 150-02 to choose the convenient model for automatic temperature compensation.

BAMO MESURES

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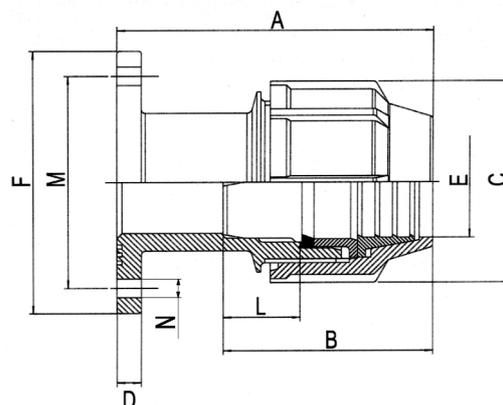
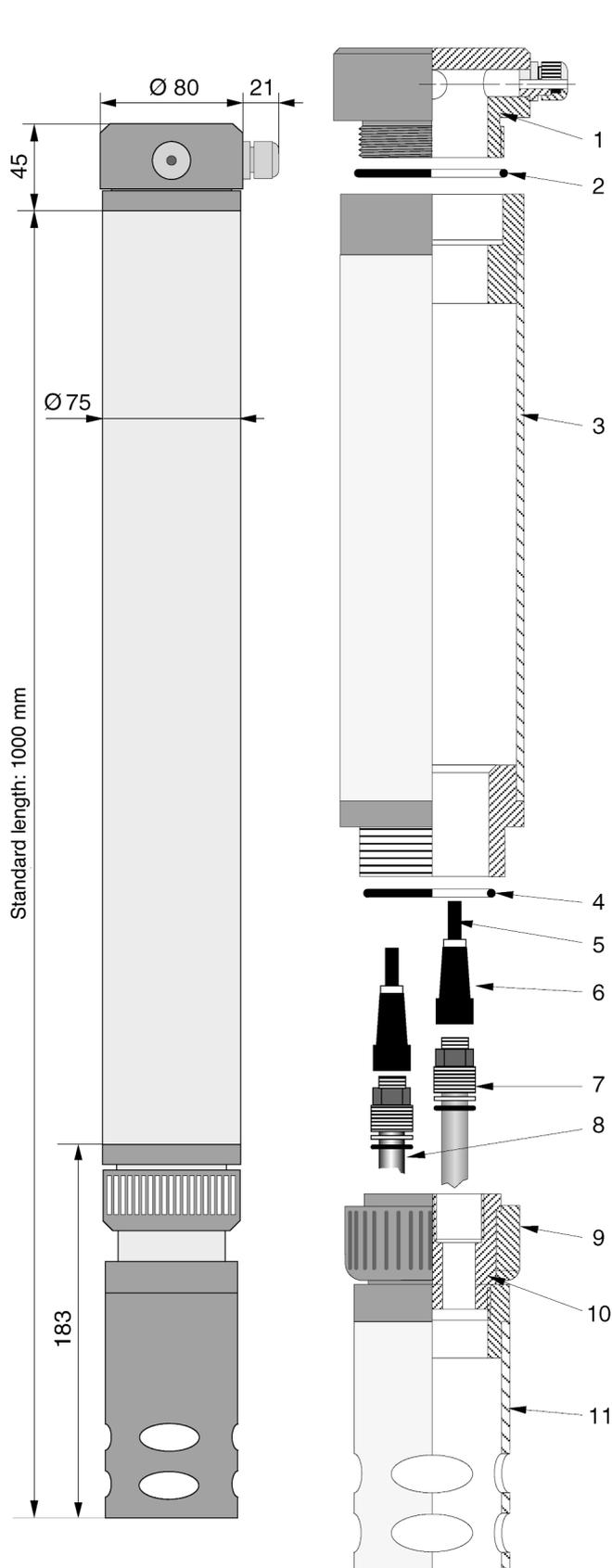
pH - ORP
IMMERSION PROBE
9346

07-05-2007

13511 01 C

pH

135-01/1



Type	DN	F	M	D	N (x4)	E	C	A
9358	65	185	145	19	Ø 18	77,5	134	197

ELECTRODE MOUNTING

Introduce the cables through the cable glands and probe head (2). Cable lengths are of probe length plus 20 cm. Mount, connect and weld on the connectors (3) to the cables (see documentation pH160 – msa160-9054). Check the O' ring (4) is on place. Screw the probe head (2) on extension tube (5). Ensure that connectors are out from the tube. Install the sensors (6) on the holder (7). Check the O' ring (8) is on place. Screw tightly connectors on the sensors. Pull smoothly the cables through the cable gland, in order to have the electrode holder (7) close to the extension tube. Cable must not be stretched inside the tube. Screw the nut (9) keeping the holder (to protect the cables) in its position. Tight firmly this nut by hand, not excessively. Prevent the electrode holder to rotate during this operation. Screw tightly cable glands on the head.

ELECTRODE DISMOUNTING

To dismantle the sensors, proceed as above on reverse steps. Careful not to loose the O' rings.

CALIBRATION

You may find detailed all instructions in the instruction manuals of pH or ORP meters. Unscrew the electrode protection end (10). Clean up the electrode with water (do not wrap it with paper neither tissue). Plunge the electrode in the buffer solution. Ending the calibration sequences, screw in the electrode protection and lock it smoothly.