

DipFit T COA 601 Immersion Assembly for Oxygen Sensors

PVC immersion assembly for oxygen sensors



Applications

The immersion assembly DipFit T COA 601 helps simplify installation of oxygen sensors. It is used in open channels and basins, particularly for

- inflow and outflow monitoring in sewage treatment works
- Monitoring of activated sludge basins
- Monitoring of wastewater channels
- Industrial water monitoring
- Monitoring of surface waters
- Fish-farming.

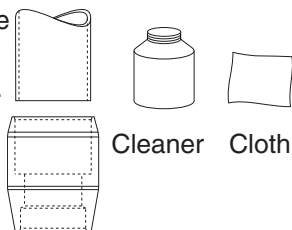
Features and benefits

- Simple and low-cost wall mounting with pipe brackets
- Individual adaptation of assembly length possible
- Freely-adjustable immersion depth using movable worm drive hose clip
- Simple sensor installation using thread G1

Installation of the building kit

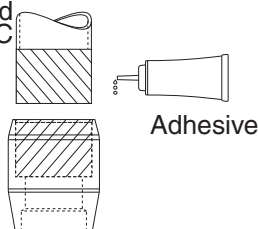
Installation
COA 601

1. Clean/degrease
and dry pipe end
and sleeve with
cloth and cleaner.



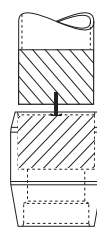
Cleaner Cloth

2. Coat sleeve and
pipe end with PVC
adhesive.



Adhesive

3. Connect pipe
and sleeve without
screwing and
straighten.



4. Allow adhesion
points at least 12
hours to dry.

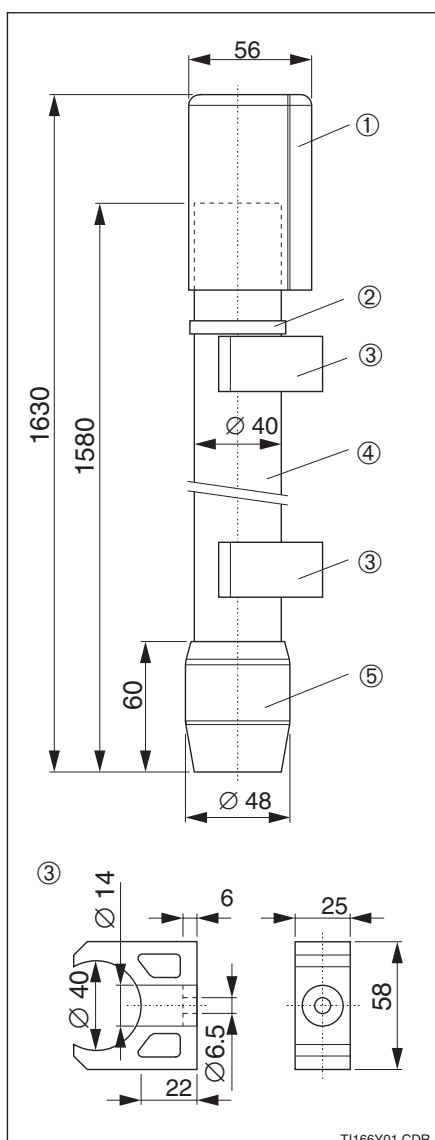
PA601-02.CDR

Dimensions and installation

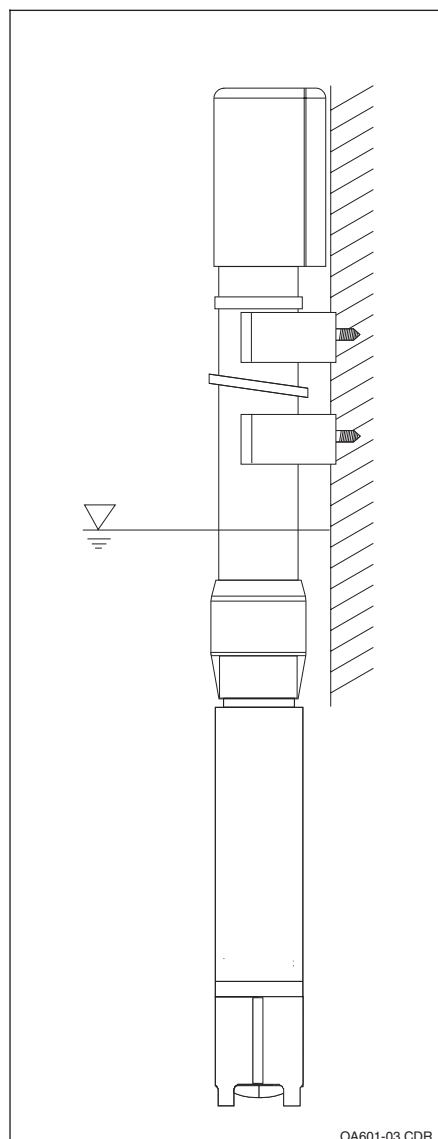
left:
Dimensions
COA 601:
Building kit com-
ponents and
dimensions

- ① 1 protective cap
- ② 1 worm drive
hose clip
- ③ 2 pipe clips
- ④ 1 PVC pipe
(provided by
customer)
- ⑤ 1 threaded
sleeve

right:
Installation
COA 601
with sensor
COS 101



TI166Y01.CDR



OA601-03.CDR

Technical data

General data

Manufacturer	Endress+Hauser
Device name	DipFit T COA 601

Mechanical data

Total length	1630 mm
Pipe diameter / wall strength	40 mm / 3 mm (supplied by customer)
max. immersion depth	approx. 1400 mm
Cable gland	dia. 10 mm
Weight	approx. 1 kg
Connection thread	G 1

Materials

Immersion tube	PVC-U
Protective cap	PA
Wall fixing	PE
Worm drive hose clip	Stainless steel SS 316
Distance pieces	PA

Process conditions

Operating pressure	unpressurized
Operating temperature	0 ... 60C

Subject to modification.

Product structure

Immersion assembly DipFit T COA 601		
<div><div>Version</div><div>1 building kit (post AD 403 customer supplied)</div><div>Sensor connection</div><div>A Thread connection</div></div>		
COA 601-	<div><div></div><div></div></div>	Complete order code

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