

DipFit T **CPA 601** **Immersion Assembly for** **pH Electrodes**

PVC immersion assembly for **pH compact electrodes**



Applications

The immersion assembly DipFit T CPA 601 helps simplify installation of pH compact electrodes.

It is used in open channels and basins, particularly for

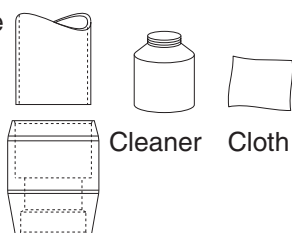
- inflow and outflow monitoring in sewage treatment works
- Monitoring of wastewater channels
- pH measurement for flocculant dosage
- pH measurement for wastewater neutralisation
- Industrial water monitoring
- Monitoring of surface waters

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 NPT 1/2" and NPT 3/4"

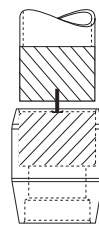
Installation of the building kit

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

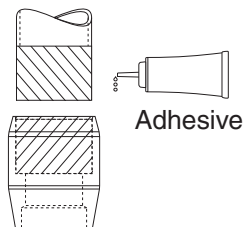


Cleaner Cloth

3. Connect pipe and sleeve without screwing and straighten.



2. Coat sleeve and pipe end with PVC adhesive.



Adhesive



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

PA601-02.CDR

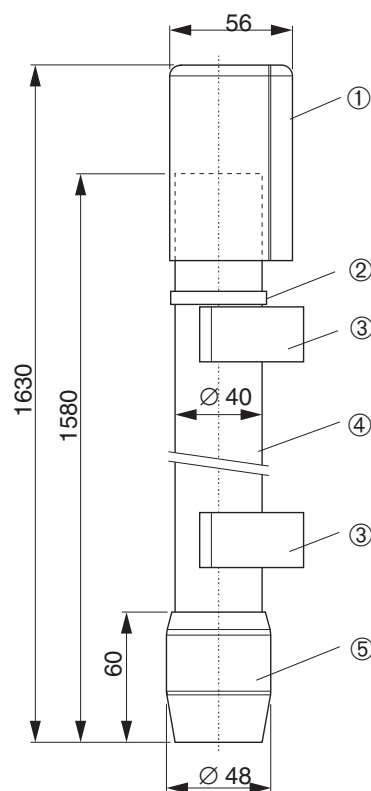
Dimensions and installation

left:
Dimensions
CPA 601:
Building kit
components
and dimensions

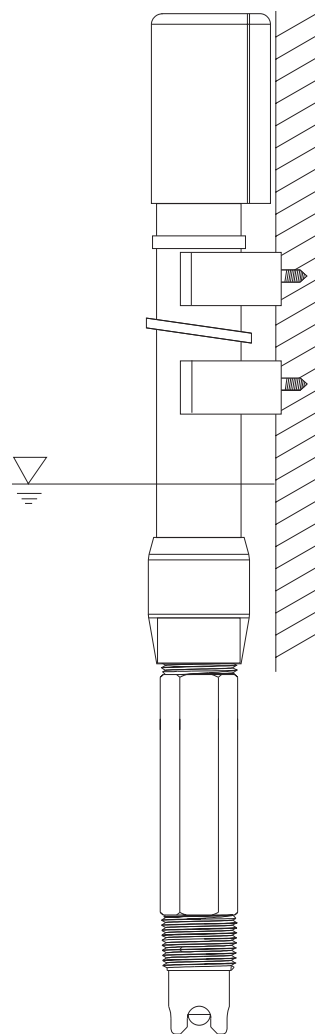
- ① 1 protective cap
- ② 1 worm drive hose clip
- ③ 2 pipe clips
- ④ 1 PVC pipe (provided by customer)

- ⑤ 1 threaded sleeve

right:
Installation of
CPA 601
with electrode
CPS 101



T1166Y01.CDR



PA601-03.CDR

Technical data

General data

Manufacturer	Endress+Hauser
Product designation	DipFit T CPA 601

Mechanical data

Total length	1630 mm
Pipe diameter / wall strength (acc. to DIN 8062)	40 mm / 3 mm (supplied by customer)
max. immersion depth	approx. 1400 mm
Cable gland	Ø 10 mm
Weight	approx. 1 kg
Connection thread	NPT 1/2", NPT 3/4"

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
Ambient temperature	0 ... 60C

Subject to modification.

Product structure

Immersion assembly DipFit T CPA 601		
<div><div>Version</div><div>1 building kit (post AD 40 x 3 customer supplied)</div><div>Sensor connection</div><div>B threaded connector NPT 3/4"</div><div>D threaded connector NPT 1/2"</div></div>		
CPA 601-	<div><div></div><div></div></div>	Complete order code

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