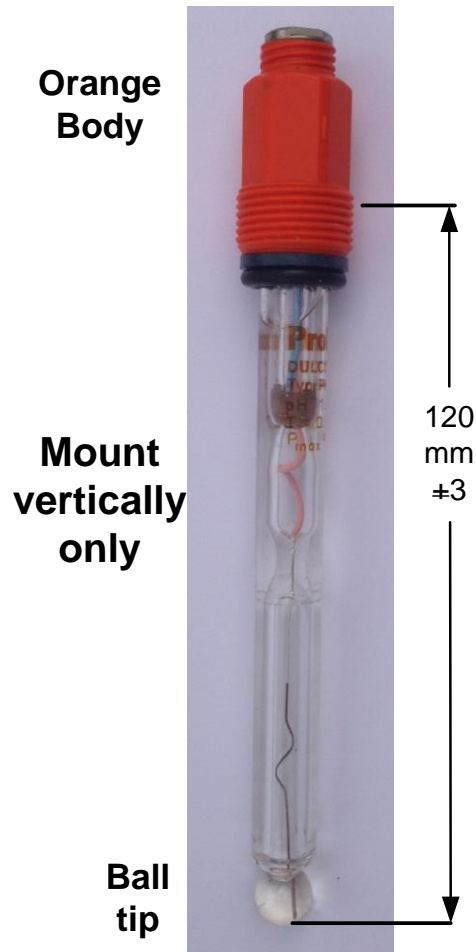


# Sensor Specification

## Combination Probes PHED 112 SE Rev M



pH range	1 ...12
Temperature	32 - 180°F / 0 - 80°C
Maximum Pressure	116 psi / 8.0 bar
Maximum Distance	33' / 10 meters
With Converter	1,000' / 300 meters (See page 2)
Minimum Conductivity	150uS
Diaphragm	Double Junction
Electrode shaft	Glass
Installation Length	120mm±2.5%
Thread	PG 13.5 (Metric)
Typical Applications	Drinking water, industrial water, slightly contaminated waste water, cooling tower water
Controller Compatibility	Aegis, Ammonia, Dulcometer (D1C etc), DCM, DAC, microFLEX, MultiFLEX, ProMtrac and SlimFLEX
Connection	Coax cable with SN6 connector
Wiring Polarity	Center Conductor - Clear (+) Shield – Black (-)

## Part numbers for Accessories and Kits (Standard USA threads)

### pH Sensor Kit: **7760729**

(6 Pieces)

**7746422**  
Long Body  
Probe Holder



**7741484**  
3/4" Sch80  
PVC Tee



**7741202**  
3/4" x 3" SS Nipple



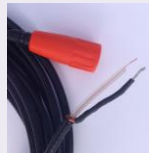
**7741452**  
3/4" SS Hose clamp



**Use driver input card  
Part OP  
7760683  
Driver card not part of kit!**



**741036**  
**PHED Sensor**  
(includes O-ring  
**740800**)



**1036595**  
5 Meter SN6  
probe cable

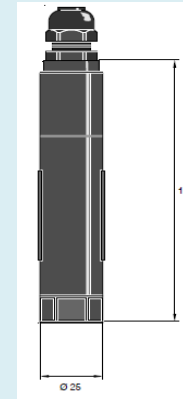
### pH Long Distance Transmitter converts mV to 4-20mA

Do not exceed 1,000'

**Requires**  
driver CII  
Isolated  
4-20mA  
input  
**7760707**

**Requires 2**  
Conductor  
**22AWG**  
cable  
**7760527**

**809126**



### Optional Sensor Cables



**305040** 10 Meter SN6  
probe cable

**1042110** 1.5 Meter  
SN6 probe cable

### High pressure/ high temperature applications

**7305022**  
**Stainless Steel**  
Long Body Probe  
Holder



**7741208**

**Schedule 40 3/4"**  
**Stainless Steel Tee**



# METRIC pH SPECIFICATION

ProMinent®

## The pH Metric Assembly includes 4 items

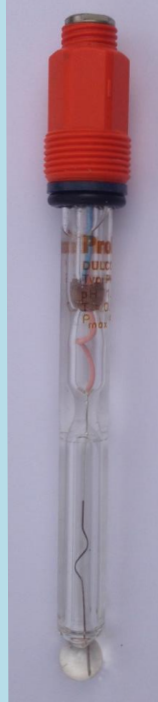
PN 7500849



CABLE COAX 5 meter-S  
SN6 w/o P  
PN 1036595



ASSEMBLY SET pH/LF-  
PROBES T90° D25 DN20  
PN 1001493



PHED 112 SE  
PN 741036

2 Meters of  
grounding wire



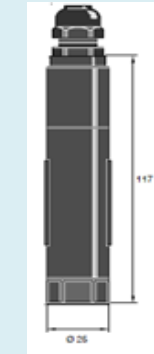
The Driver OP is included with a correctly configured controller or can be ordered separately. It is not included in the pH assembly  
PN 7760683

## pH Long Distance Converter

To extend the pH sensor from the controller more than 10 Meters, attach a pH converter

Do not exceed 1,000'

Requires driver CII  
Isolated 4-20mA  
input  
PN 7760707



PN 809126

The long distance transmitter uses 2 conductor cable, 18 to 22AWG

## Optional Sensor Cables



PN 305040 10 Meter SN6  
probe cable

PN 1042110 1.5 Meter SN6  
probe cable

## Optional hookup wire



2 conductor cable,  
22AWG  
PN 7760527