

Accessories

Filter Caps for Humidity and Dewpoint Transmitters

The choice of appropriate filter cap is essential for the long term performance of the sensor in a certain application. For assistance please contact your local support - <http://www.epluse.com/en/service-support/locations-distributors/>.

FILTER NAME	CONSTRUCTION	FEATURES	APPLICATIONS	TYPE NO.
 <p>MEMBRANE</p>	Body: polycarbonate Filter: PTFE membrane Pores size: 1µm Length: 34mm (1.34")	Very good protection against fine dust T range: -40...80°C (-40...176°F) Response time $t_{10/90}$: 15s	Building automation Dusty environment	HA010101
 <p>STAINLESS STEEL SINTERED</p>	Material: sintered stainless steel Pores size: 10µm Length: 33mm (1.30")	For high mechanical stress and strong pollution T range: -40...180°C (-40...176°F) Response time $t_{10/90}$: 30s	Industrial process control Agriculture Life stock barns Unsuitable for condensing environment	HA010103 (for plastic probes) HA010117 (for metal probes)
 <p>PTFE</p>	Material: PTFE sintered Pores size: 50µm Length: 33mm (1.30")	For very dirty, oily environment T range: -40...180°C (-40...176°F) Response time $t_{10/90}$: 14s	Industrial process control Chemical industry Very polluted environment Unsuitable for condensing environment	HA010105
 <p>METAL GRID</p>	Body: polycarbonate Filter: stainless steel wire mesh Pores size: 30µm Length: 33mm (1.30")	For low mechanical stress and low pollution level For high RH / condensing environment T range: -40...120°C (-40...248°F) Response time $t_{10/90}$: 15s	Climate control Dryers and humidifiers HVAC	HA010106
 <p>STAINLESS STEEL GRID</p>	Body: stainless steel Filter: stainless steel wire mesh Pores size: 30µm Length: 39mm (1.54")	For average mechanical stress and low pollution level For high RH / condensing environment T range: -40...120°C (-40...248°F) Response time $t_{10/90}$: 15s	Industrial process control Clean rooms	HA010109
 <p>H₂O₂</p>	Material: PTFE sintered Pores size: 50µm Length: 33mm (1.30")	Catalytic filter for H ₂ O ₂ environment T range: -40...180°C (-40...176°F) Response time $t_{10/90}$: 14s	Pharmaceutical Biotech Sterilization with H ₂ O ₂	HA010115
 <p>PTFE STAINLESS STEEL</p>	Body: stainless steel Filter: PTFE membrane, replaceable Pores size: 2µm Length: 39mm (1.54")	For average mechanical stress High pollution levels T range: -40...180°C (-40...176°F) Response time $t_{10/90}$: 14s Water ingress pressure > 0.5bar	For EE33-J and EE33-K in: Meteorology Continuous high humidity Condensing environment	HA010114: complete filter HA010114ME: PTFE membrane
 <p>METAL GRID FOR EE08</p>	Body: polycarbonate Filter: stainless steel wire mesh Pores size: 30µm Length: 25mm (1")	For low mechanical stress Low pollution level For high RH / condensing environment T range: -40...120°C (-40...248°F) Response time $t_{10/90}$: 15s	Meteorology Climate control	HA010113
 <p>STAINLESS STEEL</p>	Material: stainless steel Openings: ø3mm Length: 32mm (1.26")	For moisture in oil transmitters and handhelds	Hydraulic, lubrication and isolation oil monitoring	HA010110