

### Probe holder with in-line filter, soot measurement and cable for S-type thermocouple (ultrahigh temperature probes)

#### General Description

Gas probe holder with an exchangeable probe pipe are a complete gas probe. It has a gas-electric cable that connects the analyser with the probe pipe. Additionally equipped with a condensate trap with gas filter. All probe holders have a standard M30x1 female connector to attach the probe pipes. Heated, with a slot for soot measurement

#### Technical data

|  |                                |
|--|--------------------------------|
| Type of probe fitting                  | M30x1 – female part            |
| Total length of double-hose            | 2.1m                           |
| Gas hose ID   typical nipple OD        | 3.25mm   4mm                   |
| Hose ending                            | Plain hose                     |
| Built-in heater & slot for soot meas.  | Yes                            |
| Heater                                 | 30W   ~45°C                    |
| Type of th. compensation cable         | S-type                         |
| Insert for in-line gas filter material | PE                             |
| Insert dimensions                      | ID=12mm   OD=18mm   L=32mm     |
| Insert por size                        | 20µm                           |
| Electric plug type                     | 4-pin, male, Binder 712 series |
| Ambient temp. sensor in the plug       | No                             |

#### Drawings

All dimensions in [mm]

