

EXtract 821M

plastics, extended immersion

The Exner models below all accept the REFEX **EC-FT-2001-325 - PT100/1000**



Product description

Extract 821M is a manual retractable holder made of plastics to be attached on process tanks or tubing with an extended immersion length up to 207mm. The drive unit inserts the sensor into the process medium and back into the cleaning chamber. When reaching the final position of the "measuring" or "service" position a safety knob locks each position automatically. Cleaning, rinsing and calibration of the sensor is possible while the process is running.

Applications

- For all kind of Ø12-325mm sensors or Ø12-380mm liquid filled sensors with thread PG13.5 (pH-glass- and ISFET sensors, conductivity- or temperature sensors, turbidity and other optical sensors)
- Chemicals
- Water treatment
- Rough processes
- Requirement of sensor replacement under process conditions

Businesses

Chemical industry, Water, Waste water

Features

- Robust design, integrated scraper
- Automatic locking system with indicators for measurement- and service position
- Automatic safety lock while sensor is removed
- Safe handling under higher process pressure due to unique rotary drive
- PVDF or PEEK
- High stability protection cage in Alloy for option PVDF
- Usable in ATEX-areas
- Immersion length up to 194mm
- High variation of process connections and sealing materials



EC-FT-2001-325 - PT100/1000

Cable length 1m/3m/5m/10m

Ordering Information

| Code | Material (wetted parts) | Delivery |
|------|-------------------------|----------|
| PVDF | PVDF | 2 weeks |
| PEEK | PEEK | 2 weeks |

| Code | Sealing material (wetted sealings) | Delivery |
|------|------------------------------------|----------|
| EPD | EPDM/FDA/USP VI | 2 weeks |
| FPM | FPM (Viton) | 2 weeks |
| FKM | FFKM (Kalrez) | 3 weeks |

| Code | Sensor type | Price | Delivery |
|------|-----------------------------|-------|----------|
| 325 | 325mm PG 13,5 gel-filled | | 2 weeks |
| 380 | 380mm PG 13,5 liquid filled | | 2 weeks |

| Code | Process connection | Delivery |
|------|-----------------------|----------|
| D50 | Flange DN50 PN16 | 2 weeks |
| A20 | Flange ANSI 2" 150lbs | 2 weeks |

| Code | Cleaning connection | Delivery |
|------|------------------------|----------|
| G18 | G 1/8" female thread | 2 weeks |
| G14 | G 1/4" female thread | 2 weeks |
| N14 | 1/4" NPT female thread | 2 weeks |

| Code | Position switch | Delivery |
|------|-----------------|----------|
| 00 | without € | 2 weeks |

Accessories

| Code | Description | Delivery |
|--------------|--|----------|
| 2-086-23-001 | Set blind plug G1/8" PVDF for cleaning chamber | 2 weeks |
| 2-086-22-001 | Set blind plug G1/8" PP | 2 weeks |
| 2-086-29-001 | Set blind plug G1/8" PEEK | 2 weeks |
| 2-140-26-001 | Unlocking device for insertion rod EXtract M | 2 weeks |
| 2-140-10-001 | Service tool PG13.5 for retractable housing € | 2 weeks |