

EXtract 830M

hygienic installation

The Exner models below all accept the REFEX **EC-FT-2001-225 - PT100/1000**



Product description

Extract 830M is a manual retractable holder made of stainless steel in hygienic design to be attached on process tanks or tubing. 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 Ø12-225mm sensors or Ø12-280mm liquid filled sensors with thread PG13.5 (pH-glass- and ISFET sensors, conductivity- or temperature sensors, turbidity and other optical sensors)
- Food
- Pharmaceuticals
- Requirement of sensor replacement under process conditions

Businesses

Biotechnical industry & food industry, Water, Waste water, Pharmaceutical industry

Features

- Hygienic design, EHEDG- / 3A-approved process connections
- 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
- AISI 316L / 1.4404, surface finish Ra<0.78 electro-polished
- High variation of process connections and sealing materials
- Up to 16 bar and 140 °C
- Drive unit free of maintenance



EC-FT-2001-225 - PT100/1000

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

Ordering Information

Code	Material (wetted parts)	Delivery
4404	Stainless steel 1.4404 / 316L	2 weeks
Code	Sealing material (wetted sealings)	Delivery
EPD	EPDM/FDA/USP VI	2 weeks
FPM	FPM (Viton)	2 weeks
Code	Sensor type	Delivery
225	225mm PG 13,5 gel-filled	2 weeks
280	280mm PG 13,5 liquid filled	2 weeks
Code	Process connection	Delivery
IN28	Ingold DN25 G1 1/4" O-Ring-position 28mm	2 weeks
IH25	Ingold DN25 G1 1/4" HyCIP® - OP25mm	2 weeks
IH50	Ingold DN25 G1 1/4" HyCIP® - OP50mm	2 weeks
IH55	Ingold DN25 G1 1/4" HyCIP® - OP55mm	2 weeks
VARN	Varivent N DN40-125	3 weeks
TC15	TriClamp 1-1,5" (OD Ø50.5mm)	3 weeks
TC20	TriClamp 2.0 (OD Ø64mm)	3 weeks
BCT5	NEUMO BioControl D50	3 weeks
MV50	DIN 11851 DN50 (dary connection)	3 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	0 weeks

Accessories

Code	Description	Delivery
2-087-33-001	Safety weld-in socket DN25 straight, 40mm, 1.4404/ 316L	2 weeks
2-087-33-002	Safety weld-in socket DN25 inclined, 40mm, 1.4404/ 316L	2 weeks
2-086-32-001	Set of blind plug G1/8" 1.4404/ 316L for cleaning chamber	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
2-140-33-002	Safety bracket SK25 for welding socket DN25 (Ingold)	2 weeks
2-069-33-007	Cleaning connectors EXtract830(M) TriClamp 3/4" Ø10,3mm (2 pieces incl. EPDM seals) for HyCIP® - G1 1/4"	2 weeks
2-069-33-008	Cleaning connectors EXtract830(M) TriClamp 3/4" Ø10,3mm (2 pieces incl. FPM seals) for HyCIP® - G1 1/4"	2 weeks

Certificates

Code	Description	Delivery
2-121-01-002	Certificate EN10204-3.1 for material (wetted parts)	0 weeks
2-121-01-003	Certificate for elastomer compound EPDM/FDA USP VI	0 weeks