EXtract M

TECHNICAL INFORMATION

Manual retractable probe housing

EXNER
Process Equipment

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1 Technical data

1.1 Standards

The following standards were applied when manufacturing the retractable probe housing:

- Pressure equipment directive

1.2 Material properties

Wetted components			
Probe housing			
EXtract	Stainless steel	Plastic	Seals
810M/811M/815M	1.4404/316L Alloy C22, 2.4602		EPDM, FPM, FFKM
820M/825M		PVDF, PEEK, PP	EPDM, FPM, FFKM
821M		PVDF, PEEK	EPDM, FPM, FFKM
830M	1.4404/316L		EPDM (FDA), FPM

Drive unit			
EXtract	Cylinder	Cylinder extension	Seals
All types	1.4404/316L	PA66 GF30	EPDM

1.3 Cleaning ports

Thread	
Without a gland	G 1/8" (female)
With a gland	G 1/4" (female)
With a gland	NPT 1/4" (female)

Cleaning pressure	
	1-4 bar

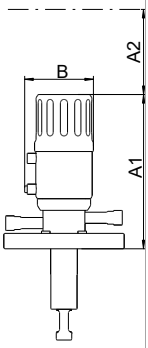
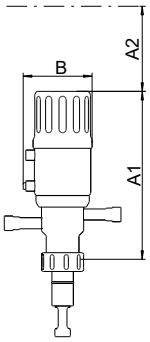
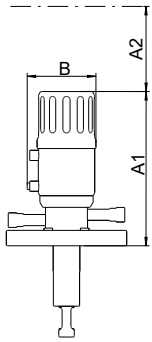
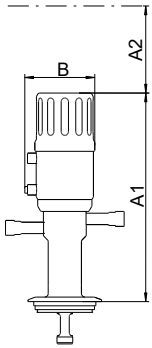
1.4 Sensors

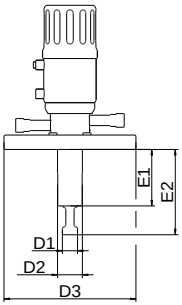
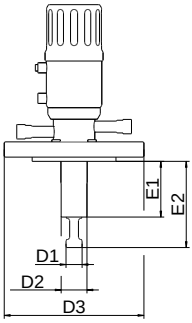
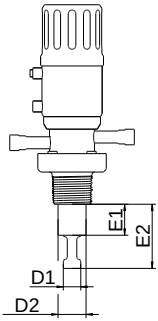
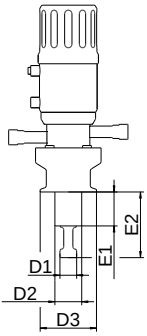
Gel-filled sensor			
EXtract	l [mm]	d [mm]	PG
810M / 820M	225	12	13.5
811M / 821M	325	12	13.5
815M / 825M	225	12	13.5
830M	225	12	13.5
Sensor filled with liquid with refill connection			
EXtract	l [mm]	d [mm]	PG
810M / 820M	280	12	13.5
811M / 821M	380	12	13.5
815M / 825M	280	12	13.5
830M	280	12	13.5

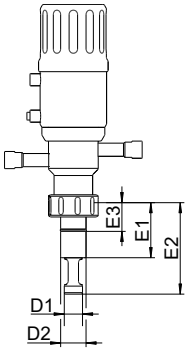
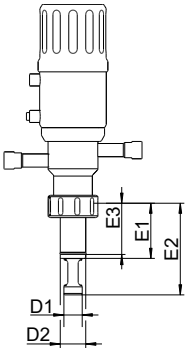
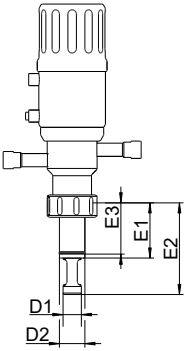
1.5 IP protection class

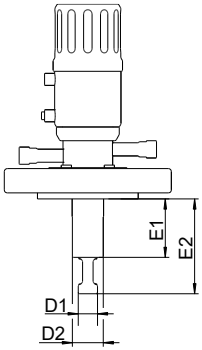
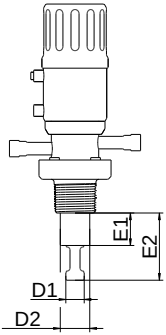
Protection class IP 66 is valid for the drive unit for all types.

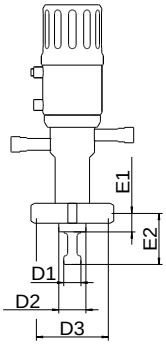
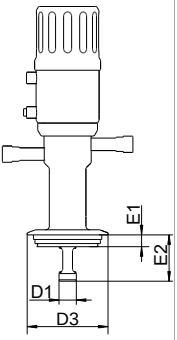
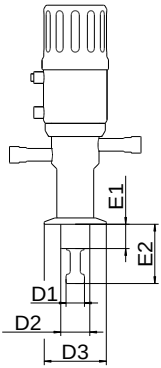
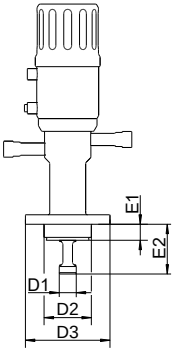
1.6 Dimensions

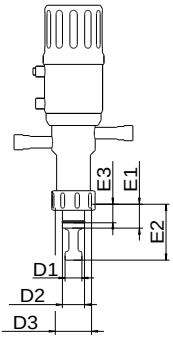
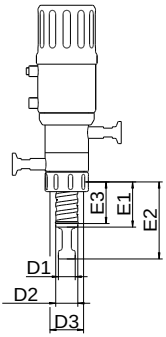
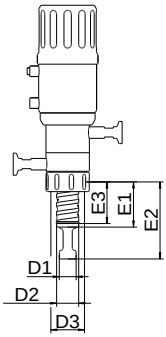
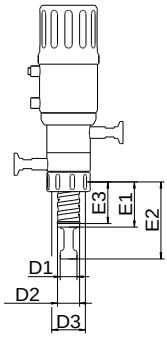
Probe housing							
							
Measure-ments [mm]	EXtract		EXtract		EXtract		EXtract
	810M	811M	815M	825M	820M	821M	830M
A1	180	180	196	196	193	193	238
A2	350	480	350	350	350	480	350
B	69	69	69	69	69	69	69

Process connections EXtract 810M/811M						
	Flange 4404		Flange C22		NPT	TriClamp
						
Measurements [mm]	EXtract		EXtract		EXtract	EXtract
	810M	811M	810M	811M	810M	810M
E1	71	171	66	166	34	39
E2	107	207	102	202	70	75
D1	19	19	19	19	19	19
D2	31	36	31	36	31	31
D3	-	-	-	-	-	64

Process connections EXtract 815M/825M			
	Ingold DN 25	Ingold DN 25	Ingold DN 25
			
Measurements [mm]	EXtract	EXtract	EXtract
	815M	815M	825M
E1	54	54	33
E2	90	90	69
E3	28	50	25
D1	18	18	18
D2	25	25	25

Process connections EXtract 820M/821M				
	Flange		NPT	
				
Measurements [mm]	EXtract		EXtract	
	820M	821M	820M	821M
E1	58	158	29	-
E2	94	194	65	-
D1	19	19	19	-
D2	31	36	30.5	-

Process connections EXtract 830M					
	DIN 11851	Varivent N	TriClamp		Neumo BioControl
					
Meas-ure-ments [mm]	DN50	DN40 - 125	1.5"	2"	DN 50
E1	18	12.3	22	25	17
E2	54	48.3	58	61	48
D1	19	19	19	19	19
D2	30	-	30	30	50
D3	Rd78 x 1/6"	84	50.5	64	89.5

Process connections EXtract 830M				
	Ingold DN 25	Ingold HyCIP25	Ingold HyCIP50	Ingold HyCIP55
				
Measure-ments [mm]	O-ring position [mm]			
	28	25	50	55
E1	34	29	54	59
E2	70	65	90	95
E3	28	25	50	55
D1	19	19	19	19
D2	25	25	25	25
D3	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 1 1/4"

1.7 Environmental conditions

Ambient temperature -10...70 °C

Transport and storage temperature -20...80 °C

1.8 Process conditions EXtract 810M / 811M / 815M / 830M

Max. permissible pressure PS: 16 bar

Max. permissible temperature TS: 140 °C

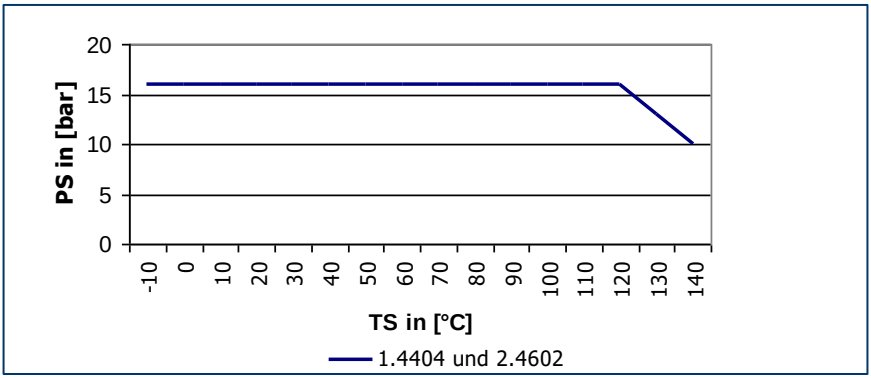


Fig. 1: Pressure temperature diagram EXtract 810M/ 811M/ 815M/ 830M

1.9 Process conditions EXtract 820M / 821M / 825M

Max. permissible pressure PS: 10 bar

Max. permissible temperature TS: 140 °C

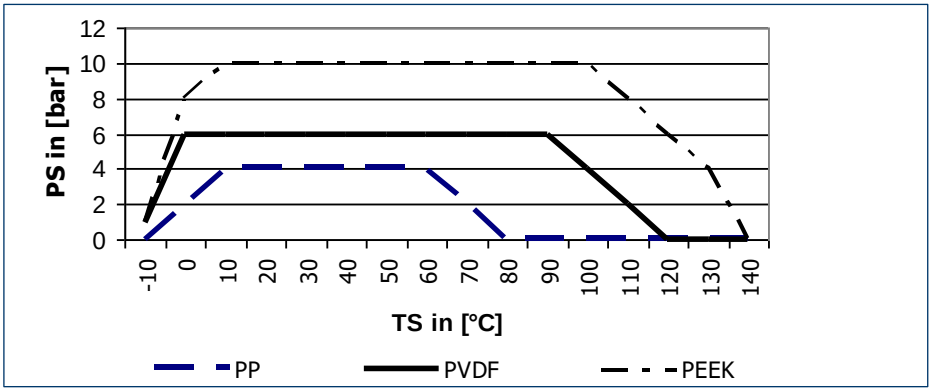


Fig. 2: Pressure temperature diagram EXtract 820M/ 821M/ 825M

1.10 Identification plate

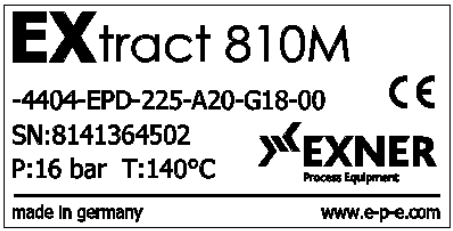
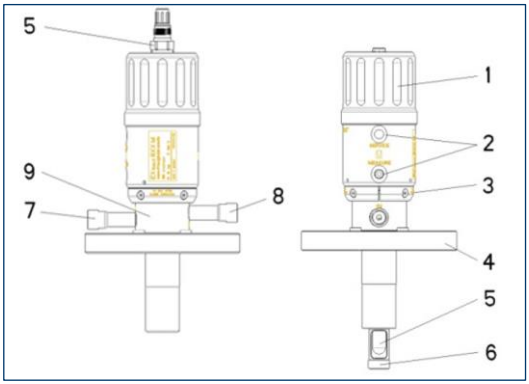


Fig. 3: Identification plate

2 Product description

2.1 Manual EXtract retractable probe housing

2.1.1 Components



1	Rotary handle
2	Interlocking bolt
3	Lower housing clamp
4	Process connection
5	Sensor
6	Insertion rod with protection cage
7	Rinsing port "IN"
8	Rinsing port "OUT"
9	Cleaning chamber

Fig. 4: Retractable probe housing

2.1.2 Versions

Retractable probe housings are attached to tanks or pipes by an applicable process connection. In order to comply with the various process properties the EXtract M retractable housing is fabricated of stainless steel or plastic. In addition, you can choose between a variety of process and cleaning connections and seal materials.

The pressure and temperature conditions of the process are decisive for the selection of the appropriate probe housing. Stainless steel retractable probe housing can be used for a pressure of up to 16 bar and the plastic model up to 10 bar, temperature-dependent.

EXtract 810M / 820M

EXtract 810M / 820M is a manual retractable housing made of stainless steel (810M) or plastic (820M) for installation of Ø 12mm sensors on tanks or pipes, with an extended immersion length up to 107mm.

The probe housing can be used for:

- Ø 12 mm/225 mm and Ø 12/280 mm sensors with PG13.5 thread (pH glass and ISFET sensors, conductivity, temperature, turbidity or optical sensors)
- Chemicals
- Water treatment
- Particularly rough processes

EXtract 811M / 821M

EXtract 811M / 821M is a manually operated retractable probe housing made of stainless steel (811M) or plastic (821M) for installation of Ø 12mm sensors on tanks or pipes, with an extended immersion length up to 207mm.

EXtract 815M / 825M

The probe housing EXtract 815M / 825M is a manually operated retractable probe housing made of stainless steel (815) or plastic (825) for the installation of Ø 12mm sensors at welding sockets DN25 (Ingold-type socket) with an integrated PTFE scraper.

EXtract 830M

The probe housing EXtract 830M is a manually operated retractable probe housing made of stainless steel for the installation of Ø 12mm sensors on tanks or pipes

- Ø 12 mm/225 mm and Ø 12/280 mm sensors with PG13.5 thread (pH glass and ISFET sensors, conductivity, temperature, turbidity or optical sensors)
- Food
- Pharmaceuticals
- Hygienic applications

2.1.3 Drive unit

The manually operated drive unit of the probe housing is a mechanical rotary drive that dissipates rotating motion into a stroke of the insertion rod. So the sensor can be moved from the cleaning chamber into the process liquid and back again. Because of the smart construction of the drive the sensor can be moved against high process pressure easily.

2.1.4 Measure

When reaching the final position of the "measuring" position, a bolt interlocks the position certainly. In this position the sensor head is immersed in the drive unit and cannot be removed. The sensor measures the chemical or physical
properties of the process liquid.

2.1.5 Service

The sensor may be cleaned and rinsed while the process is running. For this purpose the probe housing must be moved to the "service" position. When the final position is reached, a bolt interlocks the position certainly. In the "service" position the insertion rod seals the cleaning chamber against the process to prevent leakage of process liquid. The rinsing liquid is introduced into the cleaning chamber via the rinsing port "IN" and subsequently drained via the rinsing port "OUT".

2.2 Process integration

Transmitter

The retractable probe housing inserts a sensor into the process liquid, which transmits its measuring results to a transmitter.

Process control [PCS]

The transmitter can be connected with a process control system. A cleaning request which must, for example, be carried out manually can be output, dependent on the measuring results.

Pressure / Temperature

The pressure and temperature conditions of the process are decisive for the selection of the appropriate probe housing. The retractable housing of stainless steel can be used for a pressure of up to 16 bar and the plastic model up to 10 bar according to the temperature. The process temperature should be between -10°C and 140°C.

NOTE

Observe pressure and temperature charts → Chapter 1 "Technical data"

Installation position

Basically, the probe housing can be operated in any position. In order to obtain reliable measurement results, the sensor properties are decisive.

3 Ordering structure

3.1 Retractable probe housing EXtract 810M

	Code	Probe housing, material (wetted parts)					
	4404	Stainless steel 1.4404 / 316L					
	HC22	Alloy C22, 2.4602					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			225	225 mm PG 13.5 gel-filled			
			280	280 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				D32	Flange DN32		
				D40	Flange DN40		
				D50	DN50 flange		
				A14	Flange ANSI 1 ¼"		
				A12	Flange ANSI 1 ½"		
				A20	Flange ANSI 2"		
				N14	NPT M 1 ¼"		
				T20	Tri Clamp 2"		
				XXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 810 M							Order code

Example: EXtract 810M-4404-FPM-225-D50-G18-00

3.2 Retractable probe housing EXtract 811M

	Code	Holder (wetted material)					
	4404	Stainless steel 1.4404 / 316L					
	HC22	Alloy C22, 2.4602					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			325	325 mm PG 13.5 gel-filled			
			380	380 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				D40	Flange DN40		
				D50	Flange DN50		
				A12	Flange ANSI 1 ½"		
				A20	Flange ANSI 2"		
				XXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 811M							Order code

Example: EXtract 811M-4404-FPM-225-D50-G18-00

3.3 Retractable probe housing EXtract 815M

	Code	Holder (wetted material)					
	4404	Stainless steel 1.4404 / 316L					
	HC22	Alloy C22, 2.4602					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			225	225 mm PG 13.5 gel-filled			
			280	280 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				IN28	Ingold DN25 G1 ¼ O-ring Pos. 28mm		
				IN50	Ingold DN25 G1 ¼ O-ring Pos. 50mm		
				XXXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 815M							Order code

Example: EXtract 815M- HC22-FKM-225-IN50-G18-00

3.4 Retractable probe housing EXtract 820M

	Code	Holder (wetted material)					
	PP	PP					
	PVDF	PVDF					
	PEEK	PEEK					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			225	225 mm PG 13.5 gel-filled			
			280	280 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				D50	Flange DN50		
				A20	Flange ANSI 2"		
				N14	NPT M 1 1/4"		
				XXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 820M							Order code

Example: EXtract 820M-PP-EPD-280-A20-G14-00

3.5 Retractable probe housing EXtract 821M

	Code	Holder (wetted material)					
	PVDF	PVDF					
	PEEK	PEEK					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			325	325 mm PG 13.5 gel-filled			
			380	380 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				D50	Flange DN50		
				A20	Flange ANSI 2"		
				N14	NPT M 1 1/4"		
				XXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 821M							Order code

Example: EXtract 821M-PVDF-FPM-325-A20-G14-00

3.6 Retractable probe housing EXtract 825M

	Code	Holder (wetted material)					
	PP	PP					
	PVDF	PVDF					
	PEEK	PEEK					
	XXXX	Special version					
		Code	Sealing material (wetted seals)				
		EPD	EPDM				
		FPM	FPM				
		FKM	FFKM				
		XXX	Special version				
			Code	Sensor			
			225	225 mm PG 13.5 gel-filled			
			280	280 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				IN25	Ingold DN25 G1 ¼" O-ring position 25 mm		
				XXXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 825M							Order code

Example: EXtract 825M-PVDF-FPM-225-IN25-N14-00

3.7 Retractable probe housing EXtract 830M

	Code	Probe housing, wetted material					
	4404	Stainless steel, 1.4404 / 316L					
	XXXX	Special version					
		Code	Seals, wetted material				
		EPD	EPDM / FEP (FDA/USP VI)				
		FPM	FPM (Viton) / FEP				
		XXX	Special version				
			Code	Sensor			
			225	225 mm PG 13.5 gel-filled			
			280	280 mm PG 13.5 filled with liquid			
			XXX	Special version			
				Code	Process connection		
				IN28	Ingold DN25 (G 1 ¼") O-ring pos. 28 mm		
				IH25	HyCIP® Ingold (G1¼") O-ring pos. 25mm		
				IH50	HyCIP® Ingold (G1¼") O-ring pos. 50mm		
				IH55	HyCIP® Ingold (G1¼") O-ring pos. 55mm		
				VARN	Varivent N DN40-125		
				TC15	TriClamp 1.5" (OD ∅ 50.5 mm)		
				TC20	TriClamp 2" (OD ∅ 64 mm)		
				BCT5	NEUMO BioControl 50		
				MV50	DIN 11851 DN50 (milk pipe)		
				XXXX	Special version		
					Code	Rinsing connection	
					G18	G 1/8" (female)	
					G14	G ¼" (female)	
					N14	NPT ¼" (female)	
					XXX	Special version	
						Code	Position reply
						00	Without
						EL	Electrical (NAMUR)
EXtract 830M							Order code

Example: EXtract 830M-4404-FPM-225-TC20-G18-00

4 Spare parts and Accessories

The probe housing serial number must always be quoted for spare parts and accessories orders.

EXtract	Accessories	Order number
810M/811M/ 815M/830M	Blind plug set G1/8" 1.4404	2-086-32-001
810M/811M/815M	Blind plug set G1/8" 2.4602 / C22	2-086-34-001
810M/811M/815M	Sensor cable protective device EXtract 8XXM	2-086-34-002
815M/825M/830M	Safety weld-in socket DN25 straight, 40mm, 1.4404 / 316L	2-087-33-001
815M/830M	Safety weld-in socket DN25 inclined, 40mm, 1.4404 / 316L	2-087-33-002
815M/825M/830M	Safety bracket SK25 for welding socket DN25 (Ingold)	2-140-33-002
820M/821M/825M	Blind plug set G1/8" PVDF	2-086-23-001
820M/821M/825M	Blind plug set G1/8" PP	2-086-22-001
820M/821M/825M	Blind plug set G1/8" PEEK	2-086-29-001
830M	Cleaning gland for EXtract830M TriClamp 3/4" Ø10.3 (2 pcs. with EPDM sealing) for HyCIP® G1 1/4"	2-069-33-007
830M	Cleaning gland for EXtract830M TriClamp 3/4" Ø10.3 (2 pcs. with FPM sealing) for HyCIP® G1 1/4"	2-069-33-008
810M/811M/815M/825M 820M/821M/830M	Power stage terminal NAMUR sensor	2-110-00-003
	Set connecting cable position switch, 2m (NAMUR)	2-125-03-001
	Set connecting cable position switch, 5m (NAMUR)	2-125-03-002

4.1 Drive unit with

EXtract	Spare part	Order number
810M/811M/815M/825M 820M/821M/830M	Drive unit for sensor L = 225/325 mm	2-075-03-005
	Drive unit for sensor L = 280/380 mm	2-075-03-006
	Drive unit EXtract 8XX M 225/325 mm inductive (NAMUR)	2-075-03-008
	Electrical limit switch NAMUR	2-117-00-001
	Disassembly tool	2-140-10-001
	Unlocking device	2-140-26-001

4.2 Sealing kit

EXtract	Spare part	Order number
810M/820M	EPDM sealing kit	2-123-40-001
	FPM sealing kit	2-123-41-001
	FFKM sealing kit	2-123-42-001
811M/821M	EPDM sealing kit	2-123-40-002
	FPM sealing kit	2-123-41-002
	FFKM sealing kit	2-123-42-002
815M/825M	EPDM sealing kit	2-123-40-012
	FPM sealing kit	2-123-41-012
	FFKM sealing kit	2-123-42-012
830M IN28	EPDM / FEP (FDA/USP VI) sealing kit	2-123-40-003
	FPM / FEP sealing kit	2-123-41-003
830M HyCIP®	EPDM / FEP (FDA/USP VI) sealing kit	2-123-40-004
	FPM / FEP sealing kit	2-123-41-004
830M TC15/TC20 + MV50 VARN / BCT5	EPDM / FEP (FDA/USP VI) sealing kit	2-123-40-005
	FPM / FEP sealing kit	2-123-41-005

4.3 Insertion rods

EXtract	Spare part	Order number
810M	Insertion rod 1.4404 / 316L	2-061-33-004
	Insertion rod 2.4602 / Alloy C22	2-061-34-004
811M	Insertion rod 1.4404 / 316L	2-061-33-005
	Insertion rod 2.4602 / Alloy C22	2-061-34-005
815M	Insertion rod 1.4404 / 316L	2-061-33-006
	Insertion rod 2.4602 / Alloy C22	2-061-34-006
820M	Insertion rod PP	2-061-22-004
	Insertion rod PVDF/Alloy C22	2-061-23-004
	Insertion rod PEEK	2-061-29-004
821M	Insertion rod PVDF/Alloy C22	2-061-23-005
	Insertion rod PEEK	2-061-29-005
825M	Insertion rod PP	2-061-22-011
	Insertion rod PVDF/Alloy C22	2-061-23-011
	Insertion rod PEEK	2-061-29-011
830M	Insertion rod 1.4404 / 316L	2-061-33-004

5 Certificates and compliances

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Statement for application of directive 2014/34/EC

for Equipment and Components intended for Use in Potentially Explosive Atmospheres

Subject: Equipment/Component type	**EXTRACT Type 810 / 811 / 815 / 820 / 821 / 825 / 830**
Manufactured and submitted for examination	**Exner Process Equipment GmbH**
Address	**D-76275 Ettlingen; Carl-Metz-Str. 26**
Basis for examination	**Directive 2014/34/EC**
Standard basis	**EN ISO 80079-36:2016**
Code for type of protection	**none**
Examination result:	**The device is not within the scope of the directive 2014/34 / EU. It has no ignition sources of its own.**
Assessment number	-

TÜV Rheinland Industrie Service GmbH **Essen, den 28.05.2020**

Manuel Steffen
Expert

TÜV Rheinland Industrie Service GmbH
Notified body for Ex-products
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1) Subject amd type

EXTRACT 810/811/815/820/821/825/830 in pneumatic and manual version.

2) Description

The EXTRACT changeover device is attached to containers or pipes. The pneumatic drive introduces a sensor (tested in accordance with Directive 2014/34 / EU) into the process liquid to measure chemical or physical properties. The pneumatic drive moves the immersion pipe to the maximum immersion depth in the process medium, for safety reasons this is only possible with a built-in sensor. While the process is running, the sensor can be cleaned, rinsed or calibrated. The operational controls must be within the technical specification of the respective valve and the built-in sensor. The types listed are also available in a manual version with a twist grip and unlocking bolt.

A standards update was carried out. In addition, the series has been expanded to include types 815 and 825.

3) Technical data

Type 815:

Processpressure:	max. 16 bar
Processtemperature:	-10 bis 140 °C
Materials	Stainless Steel 1.4404 / 316 L, Alloy C22 (2.4602)
Seals:	EPDM, FPM (Viton), FFKM (Kalrez)

Type 825:

Processpressure:	max. 10 bar
Processtemperature:	-10 bis 140 °C
Materials	PP, PVDF, PEEK
Seals:	EPDM, FPM (Viton), FFKM (Kalrez)

Ambient temperature:	-10°C to 70°C
Processpressure and temperature:	**Valve 810/ 811 / 830** at 16 bar max. 120°C at 10 bar max. 140°C **Valve 820/ 821** PP at 4 bar max. 60°C PVDF at 6 bar max. 90°C PEEK at 10 bar max.100°C Consider table in manual
Medium touched material:	**Valve 810/ 811 /830** 1.4404 / 316L Alloy C22, 2.4602 **Valve 820/ 821** PVDF PEEK **Valve 820** PP

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Seals:	EPDM , FPM , (FFKM only **810,811,820,821**) (FDA only **830**)
Pressure air:	4 to 6 bar filtered 40µm oil and condensate free
Compressed air connection:	4 mm (position feedback) and 6 mm (control air)
Flushing pressure:	1-4 bar
Execution of the process connections (**Valve 830**)	DIN11851 DN50, TriClamp 2", TriClamp 1,5", SELI G1", BioConnect, Varivent, ING

4) Test result

The EXTRACT fitting listed in Chapter 1 does not fall into the scope of application of Directive 2014/34 / EU, because if it is used as intended, it does not have own potential ignition sources.

5) ATEX marking

not relevant

6) Special conditions for safe use

1. There must be a sticker on the cap that reads: "Warning, danger from electrostatic charges, only wipe with an antistatic cloth ".
2. Electrostatic charge must be taken into account for parts in contact with the medium that are made of non-conductive material. This applies particularly to non-conductive liquids.
3. The sensor must be conform to the 2014 / 34EU directive and the ambient temperatures must be observed.
4. It must be ensured that there is no explosive atmosphere in the compressed air.
5. It must be ensured that the movements when the sensor is extended and retracted do not damage the connection.
6. The different temperature classes of the respective materials must be considered.
7. Equipotential bonding must be ensured.

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TÜV Rheinland Industrie Service GmbH

Notified body for Ex-products
Alfredstraße 81
D-45130 Essen

Essen, den 28.05.2020

Manuel Steffen
Expert

Declaration of conformity

for

Retractable holder type 810(M)/811(M)/815(M), 820(M)/821(M)/825(M) and 830(M)

We declare under our sole responsibility that the product, to which this declaration relates, is in conformity with the following standards or the normative documents:

EU-Directive	Harmonized standards
ATEX-Directive 2014/34/EU	EN 80079-36:2016
PED 2014/68/EU Modul A	EN12266-1: 2012

This declaration is given by the manufacturer.

Name of company: **Exner Process Equipment GmbH**
Address: Carl-Metz-Straße 26
D-76275 Ettlingen

Germany

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Ettlingen — Place
20-04-21 — Date
Michael Tottewitz
General Manager

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