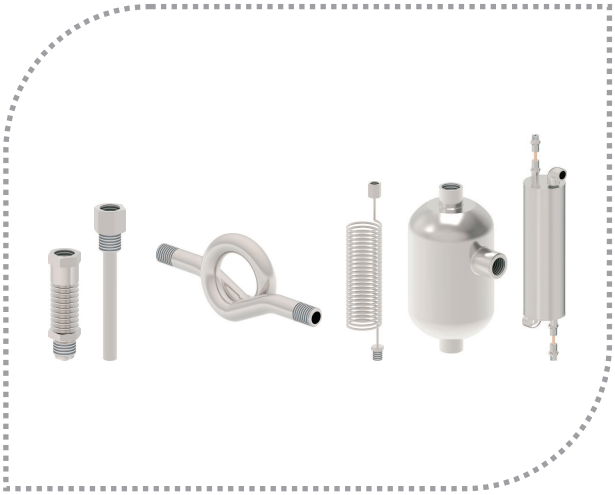
It is the assembly equipment used in order to connect the temperature and pressure sensors to the process. Pressure siphon and cooling aparatus could be used for protecting the sensors from extreme heat. It is used in order that the process does not cease in the sensor replacement, and sensor is not damaged by contacting with the process directly.



It can be manufactured from welded (standard) or full material.

All products are undergone from the hydraulic permeability test. Furthermore, penetration test can be also made optionally.
It can be also ordered with material certificate and manufacturer test certificate.

Areas of Applications :

Chemical industry, process technology, with temperature displays...

ELX

COOLING APPARATUS
PRESSURE SYPHON
THERMOWELL
CAPILLARY COOLER
SAMPLING CONTAINER

ELX 11 , 12 , 13 , 21 , 22 , 23
ELX 31 , 32 , 33 , 34 , 35
ELX 51 , 52 , 53 , 54 , 54 , 55
ELX 61 , 62 , 63
ELX 71 , 72
ELX 81 , 82

Advantages :

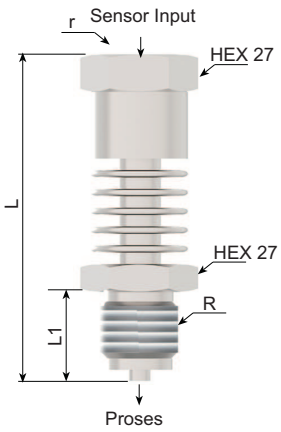
* Various type material options
  (316, 316L, 316T, 321, Titanyum, Hastelloy etc.)
* Various connection options
* Fast delivery
* Manufacturer test certificate.

Model: 26-2021-004

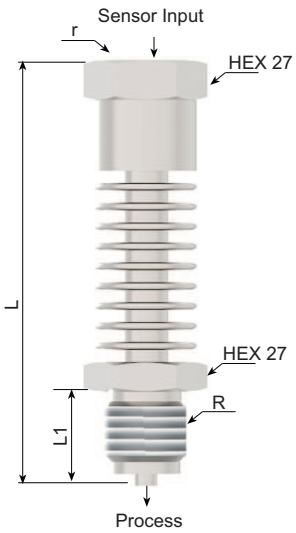
Cooling Apparatus:

Model	ELX 11	ELX 12	ELX 13	ELX 21	ELX 22	ELX 23
Material	316 St. St.			316 St. St.		
Max. Working Pressure	80 bar			80 bar		
Max. Working Temperature	180 °C			250 °C		
Overall Length (L)	84 mm	87 mm		104 mm	107 mm	
Lenght of Thread	13 mm	16 mm		13 mm	16 mm	
Process Connection (R)	1/2" BSP			1/2" BSP		
Sensor Connection (r)	1/4" BSP	1/2" BSP		1/4" BSP	1/2" BSP	

ELX 11 , 12 , 13
Short Type

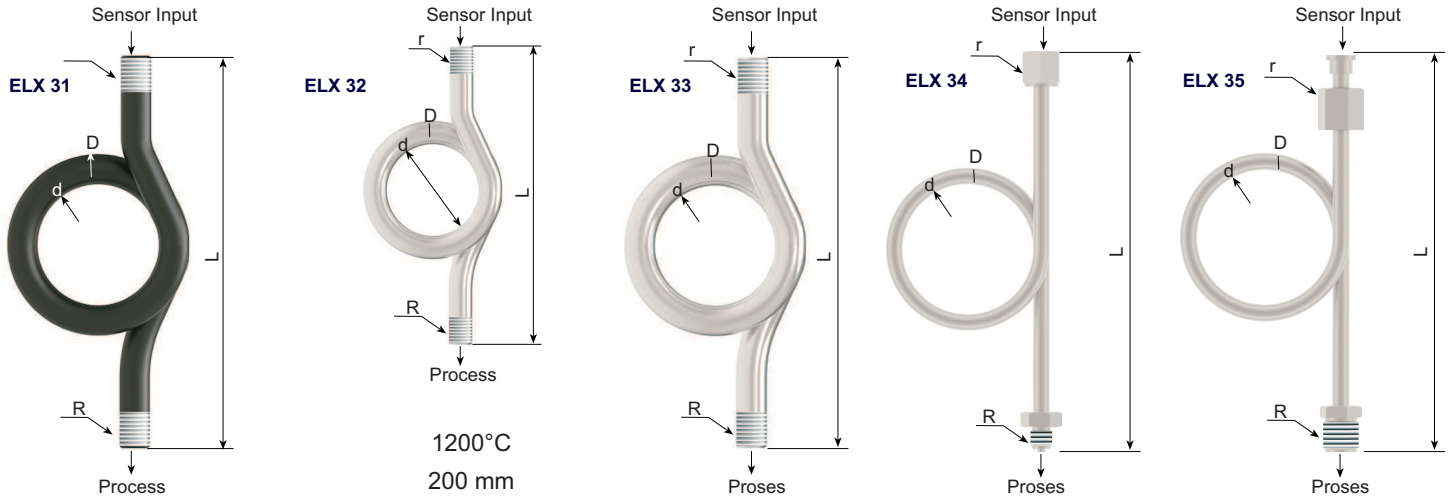


ELX 21 , 22 , 33
Long Type



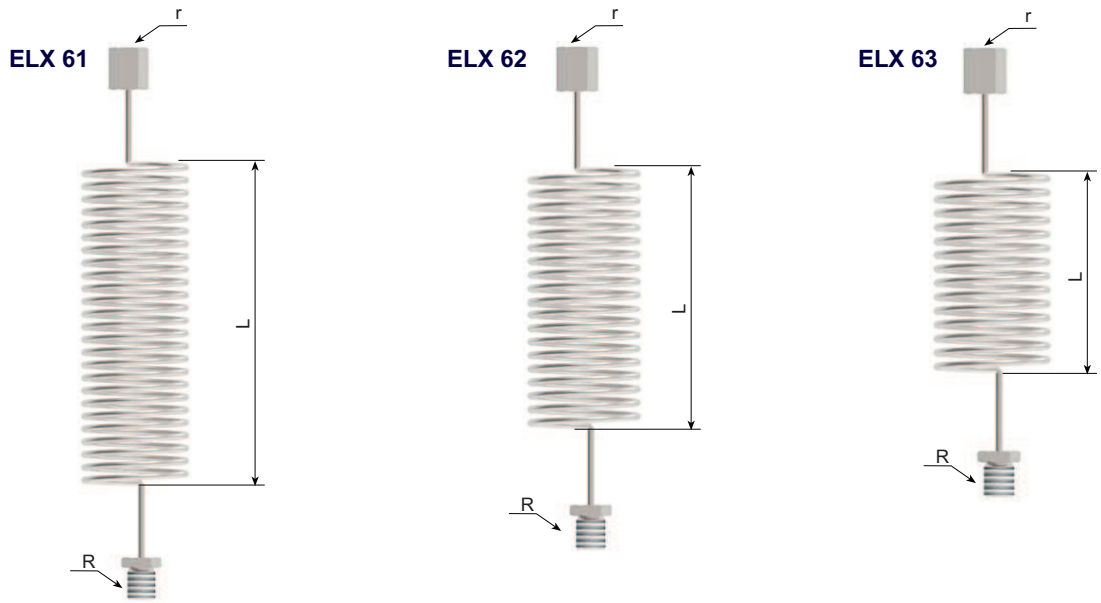
Pressure Syphon :

Model	ELX 31	ELX 32	ELX 33	ELX 34	ELX 35
Material	ST37 Steel	304 Stainless Steel	304 Stainless Steel	316 Stainless Steel	316 Stainless Steel
Max. Working Pressure	16 bar	30 bar	30 bar	30 bar	30 bar
Max. Working Temperature	250 °C	250 °C	250 °C	250 °C	250 °C
Overall Length (L)	240 mm	180 mm	290 mm	240 mm	240 mm
Process Connection (R)	1/2” BSP Female	1/4” BSP Male	1/2” BSP Male	1/4” BSP Male	1/2” BSP Male
Sensor Connection (r)	1/2” BSP Female	1/4” BSP Male	1/2” BSP Male	1/4” BSP Female	1/2” BSP Female



Capillary Cooler:

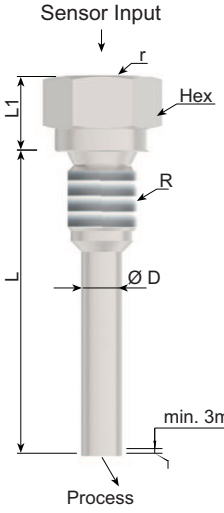
Model	ELX 61	ELX 62	ELX 63
Material	304 Stainless Steel Opt. 316 Stainless Steel		
Max. Working Pressure	30 bar		
Max. Working Temperature	1200 °C	800 °C	400 °C
Overall Length (L)	200 mm	150 mm	100 mm
Process Connection (R)	1/4” BSP / 1/2” Female		
Sensor Connection (r)	1/4” BSP / 1/2” Female		



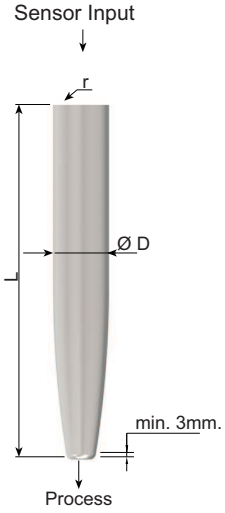
Thermowell :

Model	ELX 51 , 52 , 53 , 54 , 55
Material	304 Stainless Steel Opt. 316 Stainless Steel
Max. Working Pressure	16 bar (Std.) Opt. 30 bar
Max Working Temperature	250 °C (Std.) 600 °C
Total Length	According to the order
Process Connection (R)	Choosable from table
Sensor Connection (r)	Choosable from table

ELX 51
Thread Type



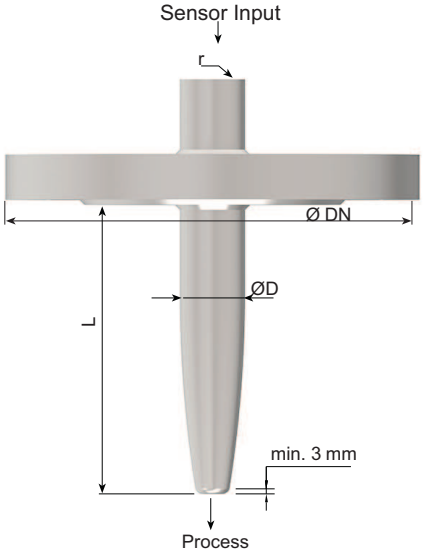
ELX 52
Flat Type



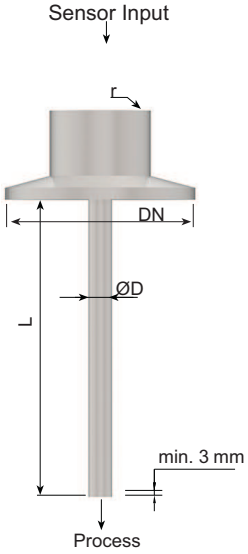
R	HEX (mm)	r	L1 (mm)
1/2" BSP	24	1/2" BSP	20
1/2" BSP	24	1/4" BSP	20
3/4" BSP	27	1/2" BSP	22
3/4" BSP	36	1/2" BSP	24

r	Ød (mm)
1/4" BSP	18
1/2" BSP	26
3/4" BSP	32

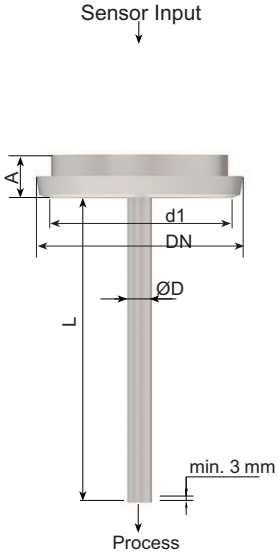
ELX 53
Flanged Type



ELX 54
Sanitary Type



ELX 55
Dairy Type



DN (PN16)	Ød (mm)	ØD (mm)
1"	18	115
2"	26	165
3"	32	200

DN	ØD (mm)	h (mm)
1"	50,4	6,5
1 1/2"	50,4	6,5
2"	63,9	6,5

Condensate Container:

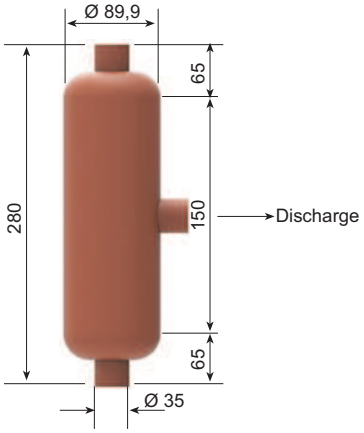
Condensate containers are used as buffer zone between instrument and process in the highly concentrated and corrosive liquids measurement lines.

Most common area of use are steam pipelines and high temperature (>150°C) liquid pipelines.

It cools the liquid which will be measured. In this way, liquid could be lower to desired temperature for measurement.

ELX - 71
Big Type

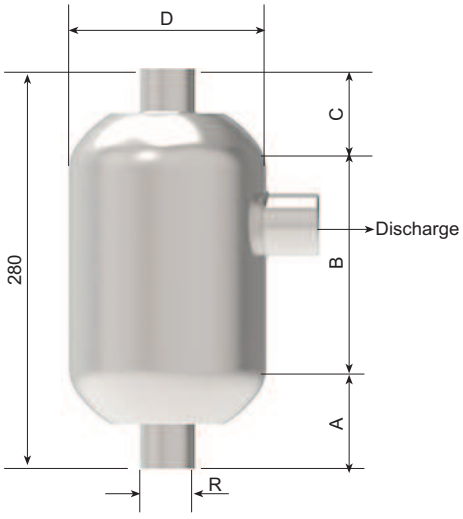
MODEL	ELX - 71
Type	Big
Material	Carbon steel (A106.B)
Test Pressure	125 bar
Connection	3 x BSP 1/2”





ELX - 72
Small Type

MODEL	ELX - 72
Type	Small
Material	316 Stainless Steel
Test Pressure	155 bar
Connection	3 x 1/2” BSP





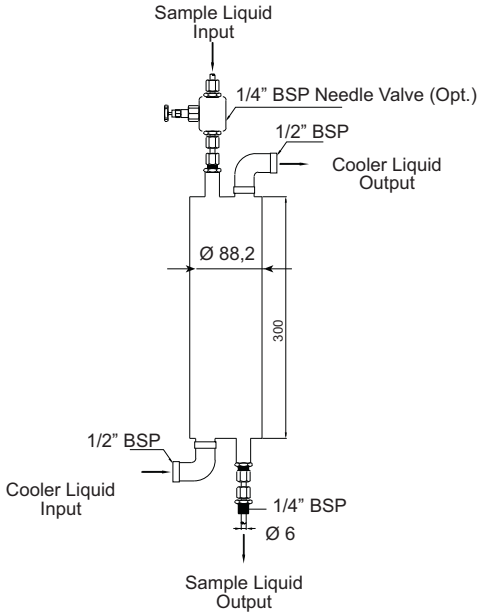
Sampling Container :

It is used for taking sample from hot process liquids, steam boiler water applications which is containing high temperature and pressure.
It has variety of options for mechanical connection for input and output of process liquid and cooling water.
Control can be provided with mounting valve to input and output of sampling liquid.

Application Areas :

Water, steam and sampling condens water...

Max. Working Pressure	25 bar Opt. 50 bar
Max. Working Temperature	238 °C Opt.300 °C
Body Material	304 Stainless Steel Opt. 316 Stainless Steel
Segmented Material	Copper Pipe Opt. 316 Stainless Steel
Cooler Liquid Input-Output Connection	1/4" BSP
Max. Body Pressure	10 bar OpT. 50 bar
Elbow Material	304 Stainless Steel Opt. 316 Stainless Steel
Sampling Liquid Output	6 mm
Volume	2 Liter



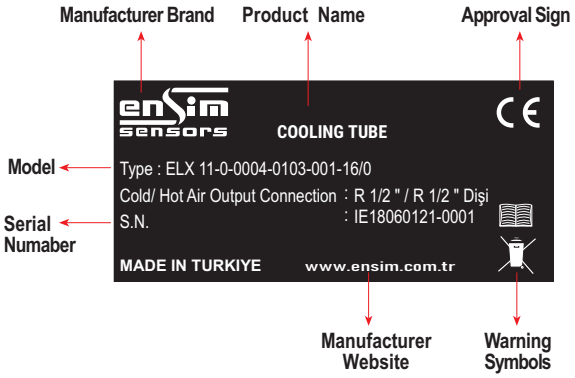
ELX - 81



ELX - 82



Label :



Order Form : Please consider sample models when coding

1 MODEL ELX

Short Type Cooling Apparatus, 1/2” BSP Male / 1/2” BSP Female....11
Short Type Cooling Apparatus, 1/2” BSP Male / 1/4” BSP Female....12
Short Type Cooling Apparatus, 1/4” BSP Male / 1/4” BSP Female....13

Long Type Cooling Apparatus, 1/2” BSP Male / 1/2” BSP Female....21
Long Type Cooling Apparatus, 1/2” BSP Male / 1/4” BSP Female....22
Long Type Cooling Apparatus, 1/4” BSP Male / 1/4” BSP Female....23

Pressure Syphon, 1/2” BSP Female / 1/2” BSP Female.....31
Pressure Syphon, 1/4” BSP Male / 1/4” BSP Male.....32
Pressure Syphon, 1/2” BSP Male / 1/2” BSP Male.....33
Pressure Syphon, 1/4” BSP Male / 1/4” BSP Female.....34
Pressure Syphon, 1/2” BSP Male / 1/2” BSP Female.....35

Thread Type Thermowell 51
Flat Type Thermowell 52
Flanged Type Thermowell 53
Sanitary Tip Termovel 54
Dairy Tip Termovel 55
Capillary Cooler Long Type 61
Capillary Cooler Middle Type 62
Capillary Cooler Short Type 63

Condensate Container Long 71
Condensate Container Small 72

Sampling Container - Copper Pipe 81
Sampling Container - Stainless Stell Pipe 82

2 CERTIFICATE

None.....0
(EN10204-3-1) Material Certification.....1

3 SENSORS CONNECTION

1/4” BSP Male Thread.....0002
1/2” BSP Male Thread.....0004
1/4” BSP (Std.) Female Thread.....0101
1/2” BSP (Std.) Female Thread.....0103
Special.....x

4 PROCESS CONNECTION

1/4” BSP (Std.) Male Thread.....0002
1/2” BSP (Std.) Male Thread.....0004
1/4” BSP Female Thread.....0101
1/2” BSP Female Thread.....0103
Clamp , DN 32.....1501
Clamp , DN 50.....1502
Clamp , DN 65.....1503
Dairy , DN 40.....1600
Dairy , DN 50.....1601
Dairy , DN 100.....1602
Flanged , DN 25 , PN 16.....0502
Flanged , DN 32 , PN 16.....0503
Flanged , DN 50 , PN 16.....0505
Flanged , DN 80 , PN 16.....0507
Flanged , DN 100 , PN 16.....0508
Special.....x

5 BODY MATERIAL

304 Stainless Steel (Std.) 001
316 Stainless Steel (Std.) 002
Carbon Steel ST37.....021
Special.....x

6 WORKING PRESSURE

16 bar.....16
30 bar.....30
25 bar.....25
80 bar.....80
Special.....x

7 STEM LENGTH (For Thermowell) (mm) L

....mm.....

8 OPTIONAL

None...../ 0
Special...../ x

SAMPLE

ELX 11-0-0002-0002-01-16-000/0
ELX 31-0-0004-0004-02-30-000/0
ELX 51-0-0004-0004-02-30-100/0

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