

Magflux® 7200 Sensor



The liner of MagFlux® 7200 is Hard Rubber for general water purpose usage.

Applications



MagFlux® 7200 with Hard Rubber lining is used typical for water and waste water applications.

Specifications MagFlux® 7200 Sensor

MagFlux® 7200 Sensor Specifications	
Mounting Flanges ⑥	EN-1092-1 / ANSI B 16.5 / AWWA C207-01 / AS 4087 / AS 2129
Built-in length	Standard length according to ISO 13359
Accuracy ④	Better than $\pm 0,25 \%$
Ratio	1:100
Measuring Frequency	1,25-2,5 Hz
Materials	
Housing ⑥	Carbon steel
Flanges ⑥	Carbon steel
Measuring pipe	Steel 1.4301 / AISI 304
Lining	Hard Rubber
Electrodes ③⑤	Steel 1,4571 / AISI 316 TI
Coating	3 layers Polyurethane paint, Thickness $\geq 310 \mu\text{m}$
Temperature Range	
Medium Temperature	-10...80 °C / 15...175 °F
Ambient temperature:	
Compact converter	-10...60 °C / 15...140 °F
Remote converter	-10...80 °C / 15...175 °F
Enclosure	IP 67, NEMA 4, Standard IP 68, NEMA 6P (10m Wc, using the Gel potting kit 579035)
Approvals	MID and MCERTS EN 1092-1 DN 25 to 400 , WRAS
③ Options: Hastelloy C4, platinum, and titanium. See, flow sensor ordering information. ④ Of measured value. ⑤ Incl. built in ground electrode. ⑥ Also available in Steel 304/316 SS. See, Flow sensor Ordering information.	



Sizes, Pressure and
Order numbers
7200 Sensor
EN 1092-1

EN 1092-1 Flanges						
Size PN	\	PN6	PN10	PN16	PN25	PN40
20	¾"					207210-040-00
25	1"					207213-040-00
32	1¼"					207216-040-00
40	1½"					207219-040-00
50	2"			207222-016-00		207222-040-00
65	2½"			207225-016-00		207225-040-00
80	3"			207228-016-00		207228-040-00
100	4"			207231-016-00		207231-040-00
125	5"			207234-016-00		207234-040-00
150	6"			207237-016-00	207237-025-00	207237-040-00
200	8"		207240-010-00	207240-016-00	207240-025-00	207240-040-00
250	10"		207243-010-00	207243-016-00	207243-025-00	207243-040-00
300	12"		207246-010-00	207246-016-00	207246-025-00	207246-040-00
350	14"		207249-010-00	207249-016-00	207249-025-00	207249-040-00
400	16"		207252-010-00	207252-016-00	207252-025-00	207252-040-00
450	18"		207255-010-00	207255-016-00		
500	20"		207258-010-00	207258-016-00		
600	24"		207261-010-00	207261-016-00		
700	28"	207264-006-00	207264-010-00	207264-016-00		
800	32"	207267-006-00	207267-010-00	207267-016-00		
900	36"	207270-006-00	207270-010-00	207270-016-00		
1000	40"	207272-006-00	207272-010-00			
1200	48"	207276-006-00	207276-010-00			
1400		287278-006-00				

Sizes, Pressure and
Order numbers
7200 Sensor
ANSI & AWWA

Magflux® 7200 Sensor Sizes, Pressure and Order Number			
ANSI B 16.5 Flange			
Size \ PSI	150 [PSI]	300 [PSI]	
½"	297107-150-00	297107-300-00	
¾"	297210-150-00	297110-300-00	
1"	297213-150-00	297113-300-00	
1¼"	297216-150-00	297116-300-00	
1½"	297219-150-00	297119-300-00	
2"	297222-150-00	297222-300-00	
2½"	297225-150-00	297225-300-00	
3"	297228-150-00	297228-300-00	
4"	297231-150-00	297231-300-00	
5"	297234-150-00	297234-300-00	
6"	297237-150-00	297237-300-00	
8"	297240-150-00	297240-300-00	

Magflux® 7200 Sensor Sizes, Pressure and Order Number			
ANSI B 16.5 Flange			
Size \ PSI	150 [PSI]	300 [PSI]	
10"	297243-150-00	297243-300-00	
12"	297246-150-00	297246-300-00	
14"	297249-150-00	297249-300-00	
16"	297252-150-00	297252-300-00	
18"	297255-150-00	297255-300-00	
20"	297258-150-00	297258-300-00	
24"	297261-150-00	297261-300-00	
AWWA C207-01	Class D	Class E	
28"	297264-150-00	297264-300-00	
32"	297267-150-00	297267-300-00	
36"	297270-150-00	297270-300-00	
40"	297273-150-00	297273-300-00	