

Selection and Ordering data	Order No.	
Sensor SITRANS F M		
MAGFLO MAG 3100	F) 7ME6310-	
Diameter		
DN 15 (½") (PTFE liner only)	1 V	
DN 25 (1")	2 D	
DN 40 (1½")	2 R	
DN 50 (2")	2 Y	
DN 65 (2½")	3 F	
DN 80 (3")	3 M	
DN 100 (4")	3 T	
DN 125 (5")	4 B	
DN 150 (6")	4 H	
DN 200 (8")	4 P	
DN 250 (10")	4 V	
DN 300 (12")	5 D	
DN 350 (14")	5 K	
DN 400 (16")	5 R	
DN 450 (18")	5 Y	
DN 500 (20")	6 F	
DN 600 (24")	6 P	
DN 700 (28")	6 Y	
DN 750 (30")	7 D	
DN 800 (32")	7 H	
DN 900 (36")	7 M	
DN 1000 (40")	7 R	
DN 1050 (42")	7 U	
DN 1100 (44")	7 V	
DN 1200 (48")	8 B	
DN 1400 (54")	8 F	
DN 1500 (60")	8 K	
DN 1600 (66")	8 P	
DN 1800 (72")	8 T	
DN 2000 (78")	8 Y	
Flange norm and pressure rating		
to EN 1092-1		
PN 6 (DN 65 ... 2000 (2½" ... 78"))	A	
PN 10 (DN 200 ... 2000 (8" ... 78"))	B	
PN 16 (DN 65 ... 1200 (2½" ... 48"))	C	
PN 16, non PED (DN 700 ... 2000 (28" ... 78"))	D	
PN 25 (DN 200 ... 600 (8" ... 24"))	E	
PN 40 (DN 15 ... 600 (½" ... 24"))	F	
PN 63 (DN 50 ... 300 (2" ... 12")), not PTFE or PFA	G	
PN 100 (DN 25 ... 300 (1" ... 12")), not PTFE or PFA	H	
to ANSI B16.5		
Class 150 (½" ... 24")	J	
Class 300 (½" ... 24")	K	
to AWWA C207		
Class D (28" ... 78")	L	
to AS		
2129, table E	M	
4087, PN 16 (DN 50 ... 1200 (2" ... 48"))	N	
4087, PN 21 (DN 50 ... 600 (2" ... 24"))	P	
4087, PN 35 (DN 50 ... 600 (2" ... 24"))	Q	
Flange material		
Carbon steel flanges ASTM A 105	1	
Stainless steel flanges, AISI 304	2	
Stainless steel flanges and sensor body, AISI 316L, polished	3	

Please also see www.siemens.com/SITRANSOrdering for practical examples of ordering

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Sensor SITRANS F M		
MAGFLO MAG 3100	F) 7ME6310-	
Liner material		
Neoprene	1	
EPDM	2	
PTFE (DN ≤ 300, PN ≤ 50 bar / ≤ 12", PN ≤ 725 psi), PTFE (350 ≤ DN ≤ 600, PN ≤ 40 bar / 14" ≤ DN ≤ 24", PN ≤ 580 psi)	3	
Ebonite	4	
Linatex (PN ≤ 40 bar (580 psi) DN ≤ 600 (24"))	5	
PFA (DN 25, 50, 80, 100 (1", 2", 3", 4")) (PN ≤ 40 bar (580 psi))	7	
Electrode material		
(Grounding electrodes not for PTFE liner or Pressure PN 100)		
AISI 316 TI (not PFA liner)	1	
Hastelloy C276	2	
Platinum (DN ≤ 300/12") (no grounding electrodes)	3	
Titanium (not PFA liner)	4	
Tantalum (no grounding electrodes)	5	
Transmitter with display		
Sensor for remote transmitter (Order transmitter sep.)	A	
Sensor ATEX 2G D for remote transmitter (Order transmitter separately)	B	
MAG 6000 I, Alu. 18 ... 90 V DC, 115 ... 230 V AC	C	
MAG 6000 I Alu. 18 ... 30 V DC, ATEX 2G D	D	
MAG 6000 I Alu. 115 ... 230 V, ATEX 2G D	E	
MAG 6000 Polyamid, 11... 30 V DC / 11...24 V AC	H	
MAG 6000, Polyamid, 115/230 V AC	J	
MAG 5000, Polyamid, 11... 30 V DC / 11...24 V AC	K	
MAG 5000, Polyamid, 115/230 V AC	L	
Communication		
No communication, add-on possible		A
HART		B
PROFIBUS PA Profile 3		F
PROFIBUS DP Profile 3 (no ATEX)		G
MODBUS RTU/RS 485 (no ATEX)		E
Cable glands/terminal box		
Metric	1	
½" NPT	2	
Metric: SS terminal box (mandatory for Stainless steel MAG 6000 Transmitter)	3	
½" NPT: SS terminal box (mandatory for Stainless steel MAG 6000 Transmitter)	4	

Selection and Ordering data	Order code
Additional information	
Please add "-Z" to Order No. and specify Order code(s) and plain text.	
Customer specific converter setup	Y20
Tag name plate, stainless steel fixed with SS wire (add plain text)	Y17
Tag name plate, plastic (self adhesive)	Y18
Factory certificate according to EN 10204-2.1	C15
Factory certificate according to EN 10204-2.2	C14
Sensor cables wired (specify cable order no.)	Y40
Sensor for remote transmitter's junction box potted to IP68 with wired cable (specify cable order no.) (no ATEX)	Y41
Other postproduction requirements (add desired text)	Y99

F) Subject to export regulations AL: 91999, ECCN: N.

Description	Order No.	Symbol
Potting kit for terminal box of MAGFLO sensors for IP68/NEMA 6P	F) FDK-085U0220	

Please use online Product selector to get latest updates.

Product selector link: www.pia-selector.com/its_main_en.asp

MAG 5000/6000 transmitters and sensors are packed in separate boxes, the final assembly takes place during installation at the customer's place. MAG 6000 I/MAG 6000 I ATEX 2G D transmitters and sensors are delivered compact mounted from factory.
Communication module will be pre-mounted in the transmitter.

F) Subject to export regulations AL: 91999, ECCN: N.

Selection and Ordering data		Order No.
Sensor SITRANS F M		
MAGFLO MAG 3100 HT (High Temperature)	F)	7ME6320-
Diameter		
DN 15 (½")	1	V
DN 25 (1")	2	D
DN 40 (1½")	2	R
DN 50 (2")	2	Y
DN 65 (2½")	3	F
DN 80 (3")	3	M
DN 100 (4")	3	T
DN 125 (5")	4	B
DN 150 (6")	4	H
DN 200 (8")	4	P
DN 250 (10")	4	V
DN 300 (12")	5	D
Flange norm and pressure rating		
to EN 1092-1		
PN 10 (DN 200 ... 300 (8" ... 12"))	B	
PN 16 (DN 65 ... 300 (2½" ... 12"))	C	
PN 25 (DN 200 ... 300 (8" ... 12"))	E	
PN 40 (DN 15 ... 300 (½" ... 12"))	F	
to ANSI B16.5		
Class 150 (½" ... 12")	J	
Class 300 (½" ... 12")	K	
to AS		
2129, table E	M	
4087, PN 16 (DN 50 ... 300 (2" ... 12"))	N	
4087, PN 21 (DN 50 ... 300 (2" ... 12"))	P	
4087, PN 35 (DN 50 ... 300 (2" ... 12"))	Q	
Flange material		
Carbon steel flanges ASTM A 105	1	
Stainless steel flanges, AISI 304	2	
Stainless steel flanges and sensor body, AISI 316L, polished	3	
Liner material		
PTFE (130 °C (266 °F))	2	
PTFE including type E protection rings AISI 316 (180 °C (356 °F))	3	
PFA (150 °C (302 °F)) (DN 25, 50, 80, 100 (1", 2", 3", 4 "))	7	
Electrode material (no grounding electrodes)		
AISI 316 Ti (not for PFA)	1	
Hastelloy C276	2	
Platinum	3	
Titanium (not for PFA)	4	
Tantalum	5	
Transmitter with display		
Sensor for remote transmitter (Order transmitter separately)	A	
Sensor ATEX 2G D for remote transmitter (Order transmitter separately)	B	
MAG 6000 I, Alu.18 ... 90 V DC, 115 ... 230 V AC	C	
MAG 6000 I, Alu. 18 ... 30 V DC, ATEX 2G D	D	
MAG 6000 I, Alu. 115 ... 230 V, ATEX 2G D	E	
MAG 6000, Polyamid, 11 ... 30 V DC/11 ... 24 V AC	H	
MAG 6000, Polyamid, 115/230 V AC	J	
MAG 5000, Polyamid, 11 ... 30 V DC/11 ... 24 V AC	K	
MAG 5000, Polyamid, 115/230 V AC	L	

Selection and Ordering data		Order No.
Sensor SITRANS F M		
MAGFLO MAG 3100 HT (High Temperature)	F)	7ME6320-
Communication		
No communication, add-on possible	A	
HART	B	
PROFIBUS PA Profile 3	F	
PROFIBUS DP Profile 3	G	
MODBUS RTU/RS 485	E	
Cable glands/terminal box		
Metric	1	
½" NPT	2	
Metric: SS terminal box (mandatory for Stainless steel MAG 6000 Transmitter)	3	
½" NPT: SS terminal box (mandatory for Stainless steel MAG 6000 Transmitter)	4	

Selection and Ordering data		Order code
Additional information		
Please add "-Z" to Order No. and specify Order code(s) and plain text.		
Customer specific converter setup	Y20	
Tag name made, stainless steel fixed with SS wire (add plain text)	Y17	
Tag name plate, plastic (self adhesive)	Y18	
Factory certificate according to EN 10204-2.1	C15	
Factory certificate according to EN 10204-2.2	C14	
Sensor cables wired (specify cable order no.)	Y40	
Other postproduction requirements (add desired text)	Y99	

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MAG 5000/6000 transmitters and sensors are packed in separate boxes, the final assembly takes place during installation at the customer's place. MAG 6000 I/MAG 6000 I ATEX 2G D transmitters and sensors are delivered compact mounted from factory.

Communication module will be pre-mounted in the transmitter.

Selection and Ordering data		Order No.	Selection and Ordering data		Order code
Sensor SITRANS F M			Additional information		
MAGFLO MAG 3100 P		F) 7ME6340-	Please add “-Z” to Order No. and specify Order code(s) and plain text.		