

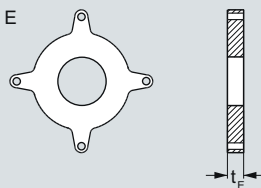
Selection and Ordering data		Order No.	Selection and Ordering data	Order code
Sensor SITRANS F M MAG 3100 P (Short delivery time)		7 ME 6 3 4 0 - ■ ■ ■ ■ ■ - ■ ■ ■ ■ ■	Additional information	
Diameter			Please add “-Z” to Order No. and specify Order code(s) and plain text.	
DN 15 (½")	◆	1 V	Factory certificate according to EN 10204-2.2	C14
DN 25 (1")	◆	2 D	Factory certificate according to EN 10204-2. 1	C15
DN 40 (1½")	◆	2 R	Tag name plate, stainless steel fixed with SS wire (add plain text)	Y17
DN 50 (2")	◆	2 Y	Tag name plate, plastic (self adhesive)	Y18
DN 65 (2½")	◆	3 F	Customer-specific converter setup	Y20
DN 80 (3")	◆	3 M	Power cable wired (specify cable order no.)	Y40
DN 100 (4")	◆	3 T	Sensor for remote transmitter's junction box IP68 with wired cable (specify cable order no.) (not for ATEX)	Y41
DN 125 (5")	◆	4 B	Other postproduction requirements (add desired text)	Y99
DN 150 (6")	◆	4 H	Additional calibrations	
DN 200 (8")	◆	4 P	• Matched pair - (Standard production calibration where sensor and transmitter is calibrated together)	On request¹⁾
DN 250 (10")	◆	4 V	• Accredited Siemens Flow Instruments matched pair Calibration acc. to ISO/IEC 17025: 2005	On request¹⁾
DN 300 (12")	◆	5 D	• Customer-specified calibration up to 10 points	On request¹⁾
Flange norm and pressure rating			• CT verification and authority seal according to: PTB (Denmark and Germany)	On request¹⁾
<u>EN 1092-1</u>			• Customer-witnessed calibration Any of above calibration	On request¹⁾
PN 10 (DN 200 ... 300 (8" ... 12"))	◆	B	1) Ordering On request as dedicated information from the customer on the individual sensors is required. Please fill in the calibration form found on pi.khe.siemens.de/index.aspx?Nr=17460 and send together with the order. (Size dependent restriction on maximum flow rates may apply)	
PN 16 (DN 65 ... 300 (2½" ... 12"))	◆	C		
PN 40 (DN 15 ... 50 (½" ... 2"))	◆	F	Operating instructions for SITRANS F M MAG 3100 P	
<u>ANSI B16.5</u>			Description	Order No.
Class 150 (½" ... 12")	◆	J	• English	A5E03005599
Flange material			• German	A5E03086288
Carbon steel flanges ASTM A 105	◆	1	• Spanish	A5E03086291
Liner material			• French	A5E03086290
PTFE (130 °C (266 °F))	◆	3	This device is shipped with a Quick Start guide and a CD containing further SITRANS F literature.	
PFA (150 °C (302 °F)) (DN 15 ... 150 (½" ... 6"))	◆	7		
Electrode material			All literature is also available for free at: http://www.siemens.com/flowdocumentation	
Hastelloy C	◆	2	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.	
Hastelloy C incl. grounding electrode, (only PFA)		6		
Transmitter			Accessories	
Standard sensor for remote transmitter (Order transmitter separately)	◆	A	Description	Order No.
Ex sensor for remote transmitter (Order transmitter separately)	◆	B	Potting kit for terminal box of flow sensors for IP68/NEMA 6P (not for Ex sensors)	◆ FDK:085U0220
MAG 6000 I, Aluminum, 18 ... 90 V DC, 115 ... 230 V AC	◆	C	◆ Short lead time (details in PMD)	
MAG 6000 I, Aluminum, 18 ... 30 V DC, Ex	◆	D		
MAG 6000 I, Aluminum, 115 ... 230 V AC, Ex	◆	E	Please use online Product selector to get latest updates.	
MAG 6000, Polyamide, 11 ... 30 V DC/11 ... 24 V AC	◆	H		
MAG 6000, Polyamide, 115 ... 230 V AC	◆	J	Product selector link: www.pia-selector.automation.siemens.com	
MAG 5000, Polyamide, 11 ... 30 V DC/11 ... 24 V AC	◆	K		
MAG 5000, Polyamide, 115 ... 230 V AC	◆	L		
Communication				
No communication, add-on possible	◆	A		
HART	◆	B		
PROFIBUS PA Profile 3 (only MAG 6000/MAG 6000 I)	◆	F		
PROFIBUS DP Profile 3 (not for Ex) (only MAG 6000/MAG 6000 I)	◆	G		
Modbus RTU/RS 485 (not for Ex) (only MAG 6000/MAG 6000 I)	◆	E		
FOUNDATION Fieldbus H1 (only MAG 6000/MAG 6000 I)	◆	J		
Cable glands/terminal box				
Metric: Polyamide terminal box or 6000 I compact	◆	1		
½" NPT: Polyamide terminal box or 6000 I compact	◆	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

MAG 3100 P Type E grounding and protection ring

1 pc. **AISI 316** grounding and protection rings **type E** for PTFE liners

Type E



DN	PN 10 Order No.	PN 16 Order No.	PN 40 Order No.	ANSI ¹⁾	Class 150 Order No.
DN 15			FDK:083N8365	½"	FDK:083N8365
DN 25			FDK:083N8271	1"	FDK:083N8272
DN 40			FDK:083N8278	1½"	FDK:083N8279
DN 50			FDK:083N8282	2"	FDK:083N8283
DN 65		FDK:083N8285		2½"	FDK:083N8287
DN 80		FDK:083N8289		3"	FDK:083N8291
DN 100		FDK:083N8117		4"	FDK:083N8118
DN 125		FDK:083N8121		5"	FDK:083N8122
DN 150		FDK:083N8125		6"	FDK:083N8126
DN 200	FDK:083N8130	FDK:083N8130		8"	FDK:083N8370
DN 250	FDK:083N8136	FDK:083N8137		10"	FDK:083N8140
DN 300	FDK:083N8144	FDK:083N8145		12"	FDK:083N8148

Protection of PTFE liner use 2 pcs.

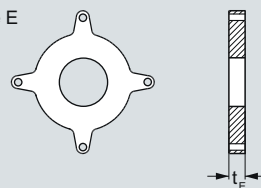
Earthing of PTFE lined flowmeter use 1 pc.

Selection and Ordering data

MAG 3100 P type E grounding and protecting ring

1 pc. **Hastelloy C276** grounding and protection ring **type E** for PTFE liners

Type E



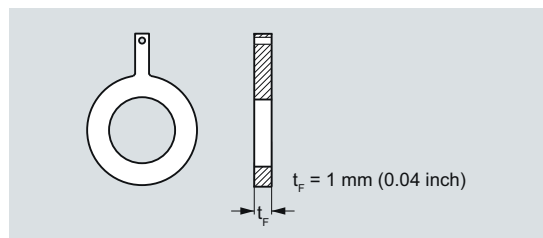
DN	PN 16 Order No.	PN 40 Order No.	Size	ANSI ¹⁾ Class 150 Order No.
DN 15		FDK:083N8487	½"	FDK:083N8487
DN 25		FDK:083N8488	1"	FDK:083N8489
DN 40		FDK:083N8490	1½"	FDK:083N8491
DN 50		FDK:083N8492	2"	FDK:083N8493
DN 65	FDK:083N8495		2½"	FDK:083N8497
DN 80	FDK:083N8499		3"	FDK:083N8501
DN 100	FDK:083N8504		4"	FDK:083N8506

¹⁾ For dimensions of MAG 3100 P see table on page 3/91

Selection and Ordering data

MAG 3100 P Grounding rings : Flat rings

1 pc. **AISI 316** grounding **flat ring** for all liners

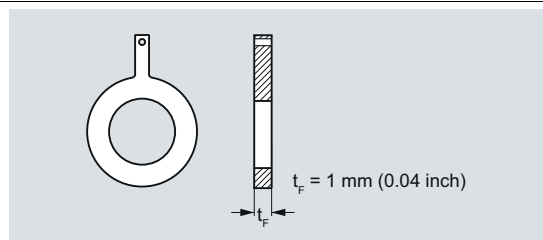


DN	PN 10	PN 16	PN 40	Size	ANSI ¹⁾ Class 150 Order No.
	Order No.	Order No.	Order No.		
DN 15			A5E01191969	1/2"	A5E01191968
DN 25			A5E01150880	1"	A5E01150022
DN 40			A5E01191952	1 1/2"	A5E01191961
DN 50			A5E01150918	2"	A5E01151121
DN 65		A5E01191940		2 1/2"	A5E01191962
DN 80		A5E01152876		3"	A5E01152910
DN 100		A5E01158875		4"	A5E01159146
DN 125		A5E01191941		5"	A5E01191963
DN 150		A5E01191943		6"	A5E01191964
DN 200	A5E01191951	A5E01191944		8"	A5E01191965
DN 250	A5E01191950	A5E01191946		10"	A5E01191966
DN 300	A5E01191949	A5E01191947		12"	A5E01191967

Selection and Ordering data

MAG 3100 P Grounding rings : Flat rings

1 pc. **Hastelloy C276** grounding **flat ring**



DN	PN 10	PN 16	PN 40	Size	ANSI ¹⁾ Class 150 Order No.
	Order No.	Order No.	Order No.		
DN 15			A5E01191981	1/2"	A5E01191989
DN 25			A5E01150882	1"	A5E01150028
DN 40			A5E01191982	1 1/2"	A5E01191990
DN 50			A5E01150922	2"	A5E01151124
DN 65		A5E01191971	A5E01191983	2 1/2"	A5E01191991
DN 80		A5E01152889	A5E01152889	3"	A5E01152913
DN 100		A5E01158886	A5E01159074	4"	A5E01159150
DN 125		A5E01191973	A5E01191984	5"	A5E01191992
DN 150		A5E01191974	A5E01191985	6"	A5E01191993
DN 200	A5E01191978	A5E01191975	A5E01191986	8"	A5E01191994
DN 250	A5E01191979	A5E01191976	A5E01191987	10"	A5E01191995
DN 300	A5E01191980	A5E01191977	A5E01191988	12"	A5E01191996

¹⁾ For dimensions of MAG 3100 P see table on page 3/91