

Selection and Ordering data		Order No.	Selection and Ordering data		Order code
Sensor SITRANS F M MAG 1100 EPDM gaskets included		7 ME 6 1 1 0 - A 0 -	Additional information		
Diameter			Please add “-Z” to Order No. and specify Order code(s) and plain text.		
DN 2 (1/12")	◆ 1 D		Customer-specific converter setup		Y20
DN 3 (1/8")	◆ 1 H		Tag name plate, stainless steel fixed with SS wire (add plain text)		Y17
DN 6 (¼")	◆ 1 M		Tag name plate, plastic (self adhesive)		Y18
DN 10 (3/8")	◆ 1 R		Factory certificate according to EN 10204-2.1		C15
DN 15 (½")	◆ 1 V		Factory certificate according to EN 10204-2.2		C14
DN 25 (1")	◆ 2 D		Sensor cables wired (specify cable order no.)		Y40
DN 40 (1½")	◆ 2 R		Sensor for remote transmitter's junction box potted to IP68 with wired cable (specify cable order no.) (not for Ex sensors)		Y41
DN 50 (2")	◆ 2 Y		Other postproduction requirements (add desired text)		Y99
DN 65 (2½")	◆ 3 F		Additional calibrations		
DN 80 (3")	◆ 3 M		• Matched pair - (Standard production calibration where sensor and transmitter is calibrated together)		On request¹⁾
DN 100 (4")	◆ 3 T		• Customer-specified calibration up to 10 points		On request¹⁾
Liner material			• Customer-witnessed calibration Any of above calibration		On request¹⁾
PFA - DN 10 ... 100 (3/8" ... 4") (not for Ex)	◆ 1				
Ceramic	◆ 2				
Electrode material					
Hastelloy C (only with PFA liner)	◆ 1				
Platinum (only with ceramic liner)	◆ 2				
Transmitter					
Standard sensor for remote transmitter (order transmitter separately)	◆ A				
Ex sensor for remote transmitter (order transmitter separately)	◆ B				
MAG 6000 I, Aluminum 18 ... 90 V DC, 115 ... 230 V AC	◆ C				
MAG 6000 I, Aluminum 18 ... 30 V DC, Ex	◆ D				
MAG 6000 I, Aluminum 115 ... 230 V AC, Ex	◆ E				
MAG 6000 Polyamide, 11 ... 30 V DC/ 11 ... 24 V AC	◆ H				
MAG 6000, Polyamide, 115 ... 230 V AC	◆ J				
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				
◆ Short lead time (details in PMD)					
			Operating instructions for SITRANS F M MAG 1100		
			Description		Order No.
			Handbook		
			• English		A5E02435647
			This device is shipped with a Quick Start guide and a CD containing further SITRANS F literature.		
			All literature is also available for free at: http://www.siemens.com/flowdocumentation		
			Accessories		
			Description		Order No.
			Potting kit for terminal box of flow sensors for IP68/NEMA 6P (not for Ex sensors)		◆ FDK:085U0220
					

Selection and Ordering data

Order No.

Sensor SITRANS F M
MAG 1100 HT High Temperature

 Ceramic liner, Platinum electrode,
Graphite gaskets included

Diameter

DN 15 (½")

DN 25 (1")

DN 40 (1½")

DN 50 (2")

DN 80 (3")

DN 100 (4")

Transmitter

 Standard sensor for remote transmitter (order trans-
mitter separately)

 Ex sensor for remote transmitter (order transmitter
separately)

Cable glands/terminal box

Metric: SS terminal box

½" NPT: SS terminal box

7 ME 6 1 2 0 -

A 2 0 - 2 A

1 V

2 D

2 R

2 Y

3 M

3 T

A

B

3

4

Description

Order No.

Handbook

• English

A5E02435647

 This device is shipped with a Quick Start guide and a CD containing fur-
ther SITRANS F literature.

All literature is also available for free at:

<http://www.siemens.com/flowdocumentation>

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

Please use online Product selector to get latest updates.

Product selector link:

www.pia-selector.automation.siemens.com
Accessories
Description

Order No.

 Potting kit for terminal box of
flow sensors for IP68/NEMA
6P (not for Ex sensors)

FDK:085U0220


♦ Short lead time (details in PMD)

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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.) (not for
Ex sensors)

Y41

Other postproduction requirements (add desired text)

Y99

Additional calibrations

 • Matched pair - (Standard production calibration
where sensor and transmitter is calibrated together)

On request¹⁾

• Customer-specified calibration up to 10 points

On request¹⁾

 • Customer-witnessed calibration
Any of above calibration

On request¹⁾

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)

Accessories for MAG 1100 sensor	Order No.
Pipe connection ½" external thread For DN 2 ... 10 (1/12" ... 3/8") sensor, material: SS 316 2 pipe connections, 2 EPDM gaskets, 12 pcs M4 x 12 screws • ½" G, ISO 7-1 tapered thread, SS 316 • ½" NPT thread, SS 316	◆ FDK:083G0080 ◆ FDK:083G4330
For DN 2 ... 10 (1/12" ... 3/8") sensor, material: Hastelloy C 2 pipe connections, 2 PTFE gaskets, 12 pcs M4 x 14 screws • ½" G, ISO 7-1 tapered thread • ½" NPT thread	◆ FDK:083G4332 ◆ FDK:083G4331
For DN 2...10 (1/12"...3/8") sensor 2 PVDF pipe connections (Max. 70 °C, PN 8 bar/max 158 °F, 116 PSI), 1 grounding ring ¹⁾ , 1 earthing wire, 3 PTFE gaskets, 6 pcs. M4 x 12 and 6 pcs. M4 x 20 screws • ½"G, ISO 7-1 tapered thread PVDF incl. grounding ring Hastelloy C22/2.4602 • ½" NPT thread PVDF incl. grounding ring Hastelloy C22/2.4602	A5E01018395 A5E01018400
EPDM gaskets Material: EPDM; each set includes: 2 EPDM gaskets, 1 earthing wire, 1 M6 screw, 1 nut, 1 washer, 1 bolt earthing plate • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	◆ FDK:083G3116 ◆ FDK:083G3117 ◆ FDK:083G3119 ◆ FDK:083G3121 ◆ FDK:083G3122 ◆ FDK:083G3123 ◆ FDK:083G3124 ◆ FDK:083G3125
PTFE gaskets Material: PTFE; each set includes: 2 gaskets, 2 earthing wires, 3 M6 screws (DN 2 ... DN 10: 12 pcs M4 x 14) • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	◆ FDK:083G0156 ◆ FDK:083G0157 ◆ FDK:083G0159 ◆ FDK:083G0161 FDK:083G0162 FDK:083G0163 FDK:083G0164 FDK:083G0165
Graphite gaskets Material: Graphite; conductive, each set includes: 2 gaskets (conductive (can also be used as grounding ring)) • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	◆ FDK:083G0116 ◆ FDK:083G0117 ◆ FDK:083G0119 ◆ FDK:083G0121 FDK:083G0122 FDK:083G0123 FDK:083G0124 FDK:083G0125

Accessories for MAG 1100 sensor	Order No.
Grounding ring SS Material: AISI 316/1.4436; each set includes: 1 grounding ring ¹⁾ , 3 PTFE gaskets, 1 earth wire, 1 M6 screw • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	FDK:083G0686 FDK:083G0687 FDK:083G0689 FDK:083G0691 FDK:083G0692 FDK:083G0693 FDK:083G0694 FDK:083G0695
Grounding ring (Hastelloy C) Material: Hastelloy C22/2.4602; each set includes: 1 grounding ring ¹⁾ , 3 PTFE gaskets, 1 earth wire, 1 M6 screw • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	◆ FDK:083G3256 FDK:083G3257 FDK:083G3259 FDK:083G3261 FDK:083G3262 FDK:083G3263 FDK:083G3264 FDK:083G3265
Grounding ring (Tantalum) Material: Tantalum; each set includes: 1 grounding ring ¹⁾ , 3 PTFE gaskets, 1 earth wire, 1 M6 screw • DN 2 ... 10 (1/12" ... 3/8") • DN 15 (½") • DN 25 (1") • DN 40 (1½") • DN 50 (2") • DN 65 (2½") • DN 80 (3") • DN 100 (4")	◆ A5E01181599 ◆ A5E01181606 ◆ A5E01181610 ◆ A5E01181613 A5E01181615 A5E01181616 A5E01181619 A5E01181622
Studs and nuts for DN 100 PN 25/40, 8 M20 studs, 16 M20 nuts Material: AISI 304/1.4305 • DN 100 (4")	FDK:083G0226

¹⁾ Thickness of grounding ring is 2 mm (0.08 inch)

◆ Short lead time (details in PMD)