

Selection and Ordering data

Order No.

Sensor SITRANS F M MAG 1100 F
7ME6140-

Diameter

DN 10 (3/8")	◆	1 R
DN 15 (1/2")	◆	1 V
DN 25 (1")	◆	2 D
DN 40 (1 1/2")	◆	2 R
DN 50 (2")	◆	2 Y
DN 65 (2 1/2")	◆	3 F
DN 80 (3")	◆	3 M
DN 100 (4")	◆	3 T

Process connections

No adaptors (specials see accessories)	◆	A
<u>Weld in</u>		
DIN 11850	◆	B
ISO 2037 (SMS 3008)	◆	C
BS 4825-1		D
Tri-Weld		E
<u>Clamp type</u>		
DIN 32676		G
ISO 2852 (SMS 3016)		H
BS 4825-3		J
Tri-Clamp		K
<u>Threaded type</u>		
DIN 11851		M
SMS 1145		N

Liner material

PFA (not for Ex)	◆	1
Ceramic	◆	2

Gasket material

EPDM flat gasket (FDA)	◆	0
FPM/FKM (FDA) (only with ceramic liner)	◆	2
EPDM-P gasket (only for PFA) (FDA, EHEDG certified, 3A pending)	◆	3

Electrode material

Hastelloy C (only with PFA liner)	◆	1
Platinum (only with ceramic liner)	◆	2

Transmitter

Standard sensor for remote transmitter (order transmitter separately) 3A	◆	A
Ex sensor for remote transmitter (order transmitter separately) 3A		B
MAG 6000 I, Alu.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

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Sensor SITRANS F M MAG 1100 F**7ME6140 -****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)

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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 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 <http://intranet.automation.siemens.com/w1/automation-technology-flow-measurement-18626.htm#content-19336¶1=Flow%20Measurement> and send together with the order. (Size dependent restriction on maximum flow rates may apply)

Operating instructions for SITRANS F M MAG 1100F**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>

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 Ex ATEX 2G D transmitters and sensors are delivered compact mounted from factory. Communication module will be pre-mounted in the transmitter.

Please use online Product selector to get latest updates.

Product selector link:

www.pia-selector.automation.siemens.com

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

Accessories**Description**

Order No.

Potting kit for IP68/NEMA 6P terminal box (not for Ex) ◆ **FDK-085U0220**



- ◆ Short lead time (details in PMD)