

Selection and Ordering data	Order No.			
SITRANS F M MAG 8000 water meter including factory-mounted grounding rings	7 ME 6 8 8 0 -			
	■ ■ ■ ■ 0 - ■ ■ ■ ■			
Diameter				
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			
Flange norm and pressure rating				
EN 1092-1 drilled pattern PN 10/max. 7 bar (101 psi)	B			
ANSI B16.5 drilled pattern CI 150/max. 7 bar (101 psi)	J			
AS2129 drilled pattern table D/max. 7 bar (101 psi)	M			
Sensor version				
Ebonite liner and stainless steel electrodes		4		
Region version				
Europe (m³, m³/h, 50 Hz)			1	
USA (Gallon, GPM, 60 Hz)			2	
Australia (ML, ML/d, 50 Hz)			3	
Transmitter type and installation				
Basic version integral on sensor			A	
Basic version remote, 2 m (6.56 ft) mounted cable on sensor with IP68/NEMA 6P plugs			T	
Do - 5 m (16.4 ft)			B	
Do - 10 m (32.8 ft)			C	

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Communication interface				
No additional "add-on" communication module installed				A
Serial RS 485 with Modbus RTU (Terminated as end device)				B
Serial RS 232 with Modbus RTU				C
Encoder interface				D
Power supply				
Internal battery (no battery included)				0
Internal battery pack installed 2 D-cell ¹⁾				1
Power cable (1.5 m (4.9 ft)) with IP68/NEMA 6P plugs for external battery (no battery included)				2
12/24 V AC/DC power supply with battery backup and 3 m (9.8 ft) power cable for external connection (no battery included)				3
115 ... 230 V AC power supply with battery backup and 3 m (9.8 ft) power cable for external connection (no battery included)				4
Internal battery pack installed 1 D-cell ¹⁾				5
¹⁾ Lithium batteries are subject to special transportation regulations according to United Nations "Regulation of Dangerous Goods, UN 3090 and UN 3091". Special transport documentation is required to observe these regulations. This may influence both transport time and costs.				
Operating instructions for SITRANS F M MAG 8000				
Description	Order No.			
• English	A5E03071515			
• German	A5E00740986			
• Spanish	A5E00741031			
• French	A5E00741021			

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>

Selection and Ordering data	Order code	Selection and Ordering data	Order code
<i>Additional information</i> Please add “-Z” to Order No. and specify Order code(s) and plain text.		<i>Additional information</i> Please add “-Z” to Order No. and specify Order code(s) and plain text.	
<u>Flow unit</u> l/s MGD CFS l/min m ³ /min GPM CFM l/h m ³ /h GPH CFH GPS Ml/d m ³ /d GPD	L00 L01 L02 L03 L04 L05 L06 L07 L08 L09 L10 L11 L12 L13 L14	<u>Data logger set up</u> (default month logging) DataloggerInterval = Daily DataloggerInterval = Weekly <u>Factory mounted cables</u> 5 m (16.4 ft) pulse cable A+B 5 m (16.4 ft) communication cable RS 232/RS 485 terminated as end device 20 m (65.6 ft) pulse cable A+B 20 m (65.6 ft) communication cable RS 232/RS 485 terminated as end device Cello 2 channel, input cable 3 m (9.84 ft) with Brad Harrison micro-change 3 way connector Cello 2 channel, input cable 5 m (16.4 ft) with MIL-C-26482 spec. connectors 5 ft Encoder interface cable with connector for ITRON 200WP radio 25 ft Encoder interface cable with connector for ITRON 200WP radio SOFREL data logger cable 2 m with connector for SOFREL GSM module	M31 M32 M81 M82 M84 M85 M87 M89 M91 M90 M92
<u>Totalizer</u> Volume calculation (default totalizer 1= forward and totalizer 2 = reverse) Totalizer 1 = RV, reverse flow Totalizer 1 = NET, net flow Totalizer 2 = FW, forward flow Totalizer 2 = NET, net flow	L20 L22 L30 L31		
<u>Volume unit</u> m ³ Ml G AF l x 100 m ³ x 100 G x 100 CF x 100 MG G x 1000 CF x 1000 Al kl	L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52		
<u>Pulse set up</u> (default pulse A= forward and pulse B = Alarm) A function = RV, reverse flow A function = FWnet, forward net flow A function = RVnet, reverse net flow A function = Off Volume per pulse A = x 0.0001 Volume per pulse A = x 0.001 Volume per pulse A = x 0.01 Volume per pulse A = x 0.1 Volume per pulse A = x 1 B function = FW, forward flow B function = RV, verse flow B function = FWnet, forward net flow B function = RVnet, reverse net flow B function = Alarm B function = Call up Volume per pulse B = x 0.0001 Volume per pulse B = x 0.001 Volume per pulse B = x 0.01 Volume per pulse B = x 0.1 Volume per pulse B = x 1	L62 L63 L64 L65 L70 L71 L72 L73 L74 L80 L81 L82 L83 L84 L85 L90 L91 L92 L93 L94		