


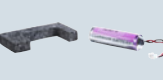








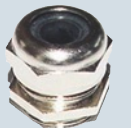




## Flow Measurement

### SITRANS F M

#### Battery-operated water meter MAG 8000

##### Accessories

Description	Article No.	
PC Flow Tool on CD (Download for free from <a href="http://www.siemens.com/flow">www.siemens.com/flow</a> )	<b>FDK:087L6001</b>	
IrDA infrared interface adapter with USB for data acquisition with 1.2 m (3.9 ft) cable	◆ <b>FDK:087L4163</b>	
Battery backup for mains power supply, 1 pc. D-cell (3.6 V, 16.5 Ah) <sup>1)</sup>	◆ <b>A5E03354392</b>	
Rechargeable Lithium battery for MAG 8000 GSM/GPRS communication module <sup>1)</sup>	◆ <b>A5E03436686</b>	
Internal battery pack, one set of 2 D-cell (3.6 V, 33 Ah) and accessories for replacement <sup>1)</sup> , incl. NBR O-ring	◆ <b>FDK:087L4150</b>	
External battery pack IP68/NEMA 6P with connector, 4 D-cell (3.6 V, 66 Ah) <sup>1)</sup> . Order cable FDK:087L4152 separately.	◆ <b>FDK:087L4151</b>	
Mains power supply 12 ... 24 V AC/DC (average power consumption during line ≤ 0.1 VA) with battery backup and 3 m (9.8 ft) power cable for external connection (no battery included) Temperature range: Fixed laying: -40 ... +90 °C (-40 ... +194 °F) Flexible application: -30 ... +80 °C (-22 ... +176 °F)	<b>FDK:087L4210</b>	
Mains power supply 115 ... 230 V AC, 50/60 Hz, with battery backup up and 3 m (9.8 ft) power cable for external connection (no battery included)	◆ <b>FDK:087L4211</b>	
RS 232 add-on module, point to point communication interface with Modbus RTU protocol	<b>FDK:087L4212</b>	
RS 485 add-on module, multidrop communication interface with Modbus RTU protocol	<b>FDK:087L4213</b>	
Encoder interface module, with "Sensus" protocol for ITRON 200WP and 100W radio	<b>A5E02475650</b>	
MAG 8000 GSM/GPRS communication module. Rechargeable battery, antenna and analog cable input must be ordered separately	<b>A5E03412758</b>	

Description	Article No.	
One cable entry 2 ... 5 mm (0.08 ... 0.20 ") M12 brass glands with M20 reduction <sup>2)</sup> , package of 10 pcs, for GSM module antenna cable, power cable of external battery pack, encoder card cable	<b>FDK:087L4154</b>	
One cable entry 6 ... 8 mm (0.24 ... 0.31 ") M20 brass glands package <sup>2)</sup> (10 pcs), for pulse output cable or Modbus cable, Cello cable or mains power supply	<b>FDK:087L4155</b>	
One cable entry 8 ... 11 mm (0.31 ... 0.43 ") M20 brass glands package <sup>2)</sup> (10 pcs), for SOFREL cable	<b>FDK:087L4156</b>	
One cable entry 11 ... 15 mm (0.43 ... 0.59 ") M20 brass glands package <sup>2)</sup> (10 pcs)	<b>FDK:087L4157</b>	
Two cable entries 3.5 ... 5 mm (0.14 ... 0.20 ") M20 brass glands package <sup>2)</sup> (10 pcs)	<b>FDK:087L4158</b>	
Two cable entries 5.5 ... 7.5 mm (0.22 ... 0.30 ") M20 brass glands package <sup>2)</sup> (10 pcs)	<b>FDK:087L4159</b>	
High gain antenna for MAG 8000 GSM/GPRS (PVC, IP68, cable length 5 m (16.4 ft), with SMA male connector (type RG 58) and internal SMA to SMP female cable adapter, and single entry cable gland)	◆ <b>A5E03436689</b>	
Analog input cable for MAG 8000 GSM/GPRS (3 m (9.8 ft) cable with M12 connector A-Coding female 5 pins, and two-entry cable gland)	<b>A5E03436698</b>	
Potting kit for terminal box of flow sensors for IP68/NEMA 6P	◆ <b>FDK:085U0220</b>	
MAG 8000 Hardware key to access protected parameters	◆ <b>FDK:087L4165</b>	
MAG 8000 demo - training unit pack operating on Alkaline batteries. Transmitter with Flow tool CD, IrDA interface adapter and hardware key (No dangerous goods limitations)	<b>FDK:087L4080</b>	