



















## Accessories

Description	Order 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	◆ <b>A5E03436686</b>	
Internal battery pack, one set of 2 D-cell (3.6 V 33 Ah) and accessories for replacement <sup>1)</sup> . Order cable FDK:087L4152 separately.	◆ <b>FDK:087L4150</b>	
External battery pack IP68/NEMA 6P with connector, 4 D-cell (3.6 V 66 Ah) <sup>1)</sup>	◆ <b>FDK:087L4151</b>	
Mains power supply 12 ... 24 V AC/DC 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 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, only for use with 7ME6820 and 7ME6880 routes	<b>A5E02475650</b>	
MAG 8000 GSM/GPRS communication module. Rechargeable battery, antenna and analog cable input must be ordered separately	<b>A5E03412758</b>	

Description	Order No.	
One cable entry 6 ... 8 mm (0.24 ... 0.31 ") M20 brass glands package (1 pc)	<b>FDK:087L4196</b>	
One cable entry 2 ... 5 mm (0.08 ... 0.20 ") M12 brass glands with M20 reduction. Package of 10 pcs	<b>FDK:087L4154</b>	
One cable entry 6 ... 8 mm (0.24 ... 0.31 ") M20 brass glands package (10 pcs)	<b>FDK:087L4155</b>	
One cable entry 8 ... 11 mm (0.31 ... 0.43 ") M20 brass glands package (10 pcs)	<b>FDK:087L4156</b>	
One cable entry 11 ... 15 mm (0.43 ... 0.59 ") M20 brass glands package (10 pcs)	<b>FDK:087L4157</b>	
Two cable entries 3.5 ... 5 mm (0.14 ... 0.20 ") M20 brass glands package (10 pcs)	<b>FDK:087L4158</b>	
Two cable entries 5.5 ... 7.5 mm (0.22 ... 0.30 "), M20 brass glands package (10 pcs)	<b>FDK:087L4159</b>	
High gain antenna for MAG 8000 GSM/GPRS (PVC, IP 68, cable length 5 m (16.4 ft), with SMA male connector (type RG 58) and internal SMA to SMP female cable adapter)	◆ <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)	<b>A5E03436698</b>	
Potting kit for terminal box of flow sensors for IP68/NEMA 6P (not for Ex sensors)	◆ <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>	
Alkaline battery for MAG 8000 demo transmitter (3 V 13 Ah) (No dangerous goods limitations)	<b>FDK:087L4142</b>	

◆ Short lead time (details in PMD)

<sup>1)</sup> 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.





When MAG 8000 (7ME6810 and 7ME6820) is installed in PVC or coated pipelines, grounding rings must be installed additionally.





Grounding rings, type C must be used for the 7ME6810 and 7ME6820 routes (sizes > DN 300). Please see grounding rings in the section MAG 3100 Grounding rings and be aware that the mentioned MLFB codes include only 1 grounding ring. Grounding rings DN 25 to DN 300 in stainless steel are packed in pairs and sold as a “grounding ring kit”.









Dimension	Order No.	
DN 25	◆	A5E01002946
DN 40	◆	A5E01002947
DN 50	◆	A5E01002948
DN 65	◆	A5E01002950
DN 80	◆	A5E01002952
DN 100	◆	A5E01002953
DN 125	◆	A5E01002954
DN 150	◆	A5E01002955
DN 200	◆	A5E01002957
DN 250	◆	A5E01002958
DN 300	◆	A5E01002962

◆ Short lead time (details in PMD)

Spare parts

Description	Order No.	
MAG 8000 transmitter compact replacement kit <sup>1)</sup> . No battery included.  System number specified by ordering.	FDK:087L4166	
MAG 8000 transmitter remote replacement kit <sup>1)</sup> . System number specified by ordering.	FDK:087L4202	
MAG 8000 (Advanced version) transmitter compact replacement kit <sup>1)</sup> . No battery included. No system number required.	FDK:087L4203	
MAG 8000 (Advanced version) transmitter remote replacement kit <sup>1)</sup> . No battery included. No system number required.	FDK:087L4204	

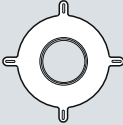
Description	Order No.	
MAG 8000 (Basic version) transmitter PCB replacement kit <sup>1)</sup> . No system number required.	A5E01171569	
MAG 8000 (Advanced version) transmitter PCB replacement kit <sup>1)</sup> . No system number required.	FDK:087L4168	
MAG 8000 (Advanced/Basic versions) transmitter PCB replacement kit <sup>1)</sup> . System number specified by ordering.	A5E03636168	
Enclosure top including plastic lid, screws and blank product label	FDK:087L4167	
Power cable (1.5 m (4.9 ft)) with IP68/NEMA 6P plugs for external battery (no battery included); PE jacket, ambient temperature: -20 ... +60 °C (-4 ... +140 °F)	FDK:087L4152	
5 ft. Encoder interface cable with IP68/NEMA 6P plugs included, for ITRON 200WP and 100W radio; 22 AWG stranded TC conductors, polypropylene insulation, twisted pair, overall Beldfoil shield, 22 AWG stranded TC drain wire, PVC jacket	A5E02551263	
25 ft. Encoder interface cable with IP68/NEMA 6P plugs included, for ITRON 200WP radio; 22 AWG stranded TC conductors, polypropylene insulation, twisted pair, overall Beldfoil shield, 22 AWG stranded TC drain wire, PVC jacket	A5E02551182	

Description	Order No.	
Service tool kit package with various component for service and replacement.	<b>FDK:087L4162</b>	<div>10</div>  <div>20</div>  <div>10</div>  <div>10</div>  <div>10</div>  <div>20</div>  <div>10</div> 
Remote cable set 5 m (16.4 ft) with IP68/NEMA 6P plugs - PG 13.5 <sup>2)</sup>	<b>FDK:087L4108</b>	
Remote cable set 5 m (16.4 ft) with IP68/NEMA 6P plugs - M20	<b>A5E00862482</b>	
Remote cable set 10 m (32.8 ft) with IP68/NEMA 6P plugs - PG 13.5 <sup>2)</sup>	<b>FDK:087L4109</b>	
Remote cable set 10 m (32.8 ft) with IP68/NEMA 6P plugs - M20	<b>A5E00862487</b>	
Remote cable set 20 m (65.6 ft) with IP68/NEMA 6P plugs - PG 13.5 <sup>2)</sup>	<b>FDK:087L4110</b>	
Remote cable set 20 m (65.6 ft) with IP68/NEMA 6P plugs - M20	<b>A5E00862492</b>	
Remote cable set 30 m (98.4 ft) with IP68/NEMA 6P plugs - PG 13.5 <sup>2)</sup>	<b>FDK:087L4111</b>	
Remote cable set 30 m (98.4 ft) with IP68/NEMA 6P plugs - M20	<b>A5E00862497</b>	

<sup>1)</sup> Not applicable to Custody Transfer (CT) verified systems without re-verification

<sup>2)</sup> For sensors produced before October 2007.

MAG 8000 (7ME6880) grounding ring service kit, consisting of 2 pcs. grounding rings, screws and gaskets

Dimension		Order No.	
DN 50	2"	<b>A5E03082907</b>	
DN 65	2½"	<b>A5E03082908</b>	
DN 80	3"	<b>A5E03082909</b>	
DN 100	4"	<b>A5E03082910</b>	
DN 125	5"	<b>A5E03082911</b>	
DN 150	6"	<b>A5E03082912</b>	
DN 200	8"	<b>A5E03082913</b>	
DN 250	10"	<b>A5E03082914</b>	
DN 300	12"	<b>A5E03082915</b>	
DN 350	14"	<b>A5E03082916</b>	
DN 400	16"	<b>A5E03082917</b>	
DN 450	18"	<b>A5E03082918</b>	
DN 500	20"	<b>A5E03082919</b>	
DN 600	24"	<b>A5E03082920</b>	