

Transmitter FUS080 operating instructions, accessories and spare parts


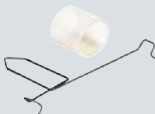


Operating instructions

Description	Order No.	
for use with SONOKIT		
• English	A5E03059912	
integrated in FUS/FUE380		
• English	A5E00730100	
• German	A5E00740611	
• Spanish	A5E00754188	
• French	A5E00754173	


This device is shipped with a Quick Start guide and a CD containing further SITRANS FUS literature.

All literature is also available for free at:
<http://www.siemens.com/flowdocumentation>

Accessories


Description	Order No.	
Sun lid for FUS080 transmitter (frame and lid)	A5E02328485	
Brace (holder) for optical IrDA eye	A5E00695277	
IrDA infrared interface adapter with USB for data acquisition with 1.2 m (3.9 ft) cable	FDK:087L4163	
RS 232 add-on module, point to point communication interface with Modbus RTU protocol	A5E03405537	
RS 485 add-on module, multi-drop communication interface with Modbus RTU protocol	A5E03405534	

Process Device Manager SIMATIC PDM

SIMATIC PDM Single Point V6.0	6ES7658-3HX06-0YA5	
For operation and parameterization of one field device, communication using PROFIBUS DP/PA or HART modem, incl. 1 TAG		
Cannot be expanded by further functions or TAG option/power-pack 5 languages (German, English, French, Spanish, Italian) executes with Windows 2000 Professional or Windows XP Professional		
http://support.automation.siemens.com/WWW/view/en/29608078/133100		

Spare parts


Spare part transmitter for FUS380 systems (7ME3400)

Description	Order No.	
FUS080 transmitter 3.6 V battery (no battery included, to be ordered separate) as spare part transmitter for FUS380 flowmeter series	A5E02729700	
FUS080 transmitter 3.6 V battery (battery included) as spare part transmitter for FUS380 flowmeter series ¹⁾	A5E02729035	
FUS080 transmitter 230 V mains as spare part transmitter for FUS380 flowmeter series	A5E02699309	
FUS080 transmitter 230 V mains with backup-battery as spare part transmitter for FUS380 flowmeter series	A5E02729610	

When ordering: Inform on flowmeter order no. and flowmeter serial no. (e.g. 7ME3400-xxxx-xxxx-Z, XX.... and xxxxxxNxxx)


Spare part transmitter for FUE380 approved systems (7ME3410)

(only with MID approval marks, no MID verification – only a complete flowmeter can be MID-verified, i.e. sensor together with the transmitter)



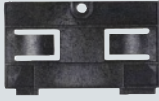




Description	Order No.	
FUE080 transmitter 3.6 V battery (no battery included, to be ordered separate) as spare part transmitter for FUE380 flowmeter series	A5E02734600	
FUE080 transmitter 3.6 V battery (battery included) as spare part transmitter for FUE380 flowmeter series ¹⁾	A5E02734568	
FUE080 transmitter 230 V mains as spare part transmitter for FUE380 flowmeter series	A5E02734539	
FUE080 transmitter 230 V mains with backup-battery as spare part transmitter for FUE380 flowmeter series	A5E02734585	

When ordering: Inform on flowmeter order no. and flowmeter serial no. (e.g. 7ME3410-xxxx-xxxx-Z, XX.... and xxxxxxNxxx)

Spare part transmitter for SONOKIT systems (7ME3210/7ME3220)

Description	Order No.	
FUS080 transmitter 3.6V battery (no battery included, to be ordered separate) as spare part transmitter for SONOKIT flowmeters	A5E03048726	
FUS080 transmitter 3.6V battery (battery included) as spare part transmitter for SONOKIT flowmeters ¹⁾	A5E03048714	
FUS080 transmitter 230V mains as spare part transmitter for SONOKIT flowmeters	A5E03048701	
FUS080 transmitter 230V mains with backup-battery as spare part transmitter for SONOKIT flowmeters	A5E03048719	



When ordering: Inform on flowmeter order no. and flowmeter serial no. (e.g. 7ME3220-xxxx-xxxx-Z, XX.... and xxxxxxNxxx)

Description	Order No.	
Internal battery pack, one set of 2 D-cell (3.6 V 33 Ah) ¹⁾ <ul style="list-style-type: none"> • 1 pc. pack • 24 pcs. pack 	A5E02679676 A5E02896941	
External battery pack IP68/NEMA 6P with connector, 4 D-cell (3.6 V 16.5 Ah) ¹⁾	A5E02679923	
Battery cover for transmitter FUS080	A5E00694468	
PG 13.5 cable gland set for FUS080 power and output connection, black PA plastic, 2 pcs. <ul style="list-style-type: none"> • cables Ø 6 ... 12 mm (0.24" ... 0.47") • -40 ... +100 °C (-40 ... +212 °F) 	FDK:083G0228	
PG 13.5 cable gland set (two cable entries) for FUS080 sensor connection, black PA plastic, 2 pcs. <ul style="list-style-type: none"> • cables Ø 6 ... 12 mm (0.24" ... 0.47") • -40 ... +100 °C (-40 ... +212 °F) 	A5E00694500	
SITRANS FUS/FUE380 wall mounting kit for remote transmitter mounting, including connection plate (DN 50 ... DN 1200/2" ... 48")	A5E00694509	
SITRANS FUS/FUE380 terminal box for compact transmitter mounting, including connection plate, (bronze sensors only, DN 50 ... DN 80/2" ... 3")	A5E01208138	
SITRANS FUS/FUE380 terminal box for compact transmitter mounting, including connection plate, (steel sensors only, DN 100 ... DN 1200/4" ... 48")	A5E00694660	
FUS080 display and keypad	A5E00873496	

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.

Downloads for DEVICE description FUE380

<http://support.automation.siemens.com/WWW/view/en/23036121/133100>

Description	Order No.	
Sensor cables for FUS380/FUE380 flowmeters		
DN 50 to 80 flowmeters Coaxial cable for FUS080; with 0.3 m brown PTFE high temp. transducer part, max. 200 °C (392 °F) and black PVC for remaining transmitter part, max. 70 °C (158 °F); impedance 75 Ω		
5 m (16.4 ft) cable set (4 pcs.) for DN 50 ... DN 80 (2" ... 3") remote mounting	A5E01208092	
10 m (32.8 ft) cable set (4 pcs.) for DN 50 ... DN 80 (2" ... 3") remote mounting	A5E01208114	
20 m (65.6 ft) cable set (4 pcs.) for DN 50 ... DN 80 (2" ... 3") remote mounting	A5E01208117	
30 m (98.4 ft) cable set (4 pcs.) for DN 50 ... DN 80 (2" ... 3") remote mounting	A5E01208121	
1 m (3.28 ft) cable set (4 pcs.) for DN 50 ... DN 80 (2" ... 3") for compact version of FUS380/FUE380	A5E01208126	
DN 100 to 1200 flowmeters		
Coaxial cable for FUS080; with 0.3 m brown PTFE high temp. transducer part, max. 200 °C (392 °F) and black PVC for remaining transmitter part, max. 70 °C (158 °F); impedance 75 Ω		
5 m (16.4 ft) cable set (4 pcs.) for DN 100 ... DN 1200 (4" ... 48") remote mounting	A5E00695476	
10 m (32.8 ft) cable set (4 pcs.) for DN 100 ... DN 1200 (4" ... 48") remote mounting	A5E00695479	
20 m (65.6 ft) cable set (4 pcs.) for DN 100 ... DN 1200 (4" ... 48") remote mounting	A5E00695480	
30 m (98.4 ft) cable set (4 pcs.) for DN 100 ... DN 1200 (4" ... 48") remote mounting	A5E00695483	
1 m (3.28 ft) cable set (4 pcs.) for DN 100 ... DN 1200 (4" ... 48") for compact version of FUS380/FUE380	A5E00695486	
Sensor cables for SONOKIT flowmeter with FUS080		
Description 15 m (49.2 ft) cable set (2 pcs.) remote mounting with SONOKIT flowmeters	Order No. A5E02478541	
30 m (98.4 ft) cable set (2 pcs.) remote mounting with SONOKIT flowmeters	A5E02478751	