

Selection and Ordering data		Order No.
Milltronics ILE-37 Sensing Head		C) 7MH7110-
Out-of-the-process sensing element for E-40, V-40, and A-40 solids flowmeters. A flowguide, sensing plate and integrator are required to complete the system. Order flowguide, sensing plate and integrator separately.		
Mounting		
Base		0
Side		1
Base, explosion proof, CSA Class I Groups C and D; Class II Groups E, F and G		3
Side, explosion proof, CSA Class I Groups C and D; Class II Groups E, F and G		4
Note: Externally mounted LVDT Conditioner in NEMA 4 enclosure required for use with SF500 or Siwarex FTC and mounting option 3 and 4. See optional equipment.		
Range (Range spring size/leaf spring thickness/viscosity of damping fluid)		
C2/A2/1000		A
C3/A2/1000		B
C4/A2/1000		C
C5/A2/1000		D
C6/A2/1000		E
C7/A2/1000		F
C8/A2/3000		G
C9/A2/3000		H
C10/A2/3000		J
C11/A3/5000		K
C12/A3/5000		L
C13/A3/5000		M
C14/A3/5000		N
C0/A2/500		P
C0/A3/500		Q
C10/A3/3000		R
Gasketing		
Silicone		A
Silicone, light duty		B
PTFE		E
Coating (process side only)		
None, standard aluminum		0
Epoxy - white/aluminum, external castings only		1
Sensing head mounted LVDT conditioner		
Not required ¹⁾		0
Required for use with SF500 or SIWAREX FTC integrator ²⁾		1

1) For use with Compu Series integrators or when externally mounted LVDT conditioner required. See Note under Mounting.
 Applicable for mounting options 0 and 1 only.

C) Subject to export regulations AL: N, ECCN: EAR99

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Instruction manual		
English		C) 7ML1998-5CW01
German		C) 7ML1998-1CW31
French		C) 7ML1998-5CW11
Solids flowmeter Application Guidelines, English		C) 7ML1998-5GK01
Solids flowmeter Application Guidelines, German		C) 7ML1998-5GK31
Note: The instruction manual should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual CD containing the complete instruction manual library.		
Calibration hanger weights		
20 g (0.04 lb)		C) 7MH7724-1AC
50 g (0.1 lb)		C) 7MH7724-1AD
100 g (0.2 lb)		C) 7MH7724-1AE
200 g (0.4 lb)		C) 7MH7724-1AF
500 g (1.1 lb)		C) 7MH7724-1AG
1000 g (2.2 lb)		C) 7MH7724-1AH
2000 g (4.4 lb)		C) 7MH7724-1AJ
5000 g (11 lb)		C) 7MH7724-1AK
Spare parts		
LDVT conditioner in NEMA 4 enclosure (to interface SF500 or Siwarex FTC and LVDT sensor)		C) 7MH7723-1AJ
Silicone inner diaphragm		C) 7MH7723-1DN
Silicone outer diaphragm		7MH7723-1DP
PTFE inner diaphragm		C) 7MH7723-1AL
PTFE outer diaphragm		C) 7MH7723-1AM
LVDT transformer and core, standard spare		7MH7723-1DS
Encapsulated LVDT replacement kit		C) 7MH7723-1DE
LVDT transformer and core, standard spare		7MH7723-1DS
Damping fluid, 1000 CS, 1 lb bottle		C) 7MH7723-1EU
Damping fluid, 3000 CS, 1 lb bottle		C) 7MH7723-1EV
Damping fluid, 5000 CS, 1 lb bottle		C) 7MH7723-1EW
Range spring assembly, C2		7MH7723-1EX
Range spring assembly, C3		7MH7723-1EY
Range spring assembly, C4		7MH7723-1FA
Range spring assembly, C5		7MH7723-1FB
Range spring assembly, C6		7MH7723-1FC
Range spring assembly, C7		7MH7723-1FD
Range spring assembly, C8		7MH7723-1FE
Range spring assembly, C9		7MH7723-1FF
Range spring assembly, C10		7MH7723-1FG
Range spring assembly, C11		7MH7723-1FH
Range spring assembly, C12		7MH7723-1FJ
Range spring assembly, C13		7MH7723-1FK
Range spring assembly, C14		7MH7723-1FL
Leaf spring, A2, kit		C) 7MH7723-1BN
Leaf spring, A3, kit		C) 7MH7723-1BP
Circuit card, LVDT, internal mount		C) 7MH7723-1ET
ILE-37 replacement O-ring kit		7MH7723-1DC

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Selection and Ordering data		Order No.	
Milltronics ILE-61 Sensing Head Out-of-the-process sensing element for use with E-300, A-300 and V-300 flowmeters. A flowguide, sensing plate and integrator are required to complete the system. Order flowguide, sensing plate and integrator separately.		C) 7MH7112- 	
Classification Non-hazardous Hazardous, CSA Class I, Groups C and D; Class II, Groups E, F and G Note: Externally mounted LVDT conditioner in NEMA 4 enclosure required for use with SF500 or Siwarex FTC and classification option 2. See Calibration Weights.		Instruction manual English C) 7ML1998-5CX01 German C) 7ML1998-1CX31 Note: Instruction Manual should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual CD containing the complete instruction manual library.	
Range (Range spring size/viscosity of damping fluid) D1/1000 Position 1 D1/1000 Position 2 D1/1000 Position 3 D2/1000 Position 1 D2/1000 Position 2 D2/1000 Position 3 D3/3000 Position 1 D3/3000 Position 2 D3/3000 Position 3 D4/5000 Position 1 D4/5000 Position 2 D4/5000 Position 3 D5/5000 Position 1 D5/5000 Position 2 D5/5000 Position 3		Calibration hanger weights 20 g (0.04 lb) C) 7MH7724-1AC 50 g (0.1 lb) C) 7MH7724-1AD 100 g (0.2 lb) C) 7MH7724-1AE 200 g (0.4 lb) C) 7MH7724-1AF 500 g (1.1 lb) C) 7MH7724-1AG 1000 g (2.2 lb) C) 7MH7724-1AH 2000 g (4.4 lb) C) 7MH7724-1AJ 5000 g (11 lb) C) 7MH7724-1AK	
Gasketing Silicone PTFE Other gasketing available upon request.		Spare parts LVDT conditioner in NEMA 4 enclosure (to interface SF500 and LVDT sensor) 7MH7723-1AJ Silicone inner diaphragm 7MH7723-1DQ Silicone outer diaphragm 7MH7723-1DR PTFE inner diaphragm C) 7MH7723-1BA PTFE outer diaphragm C) 7MH7723-1BB LVDT transformer and core, standard spare 7MH7723-1DS ILE-61 replacement O-ring kit 7MH7723-1DD Encapsulated LVDT replacement kit C) 7MH7723-1DE Damping fluid, 1000 CS, 1 lb bottle C) 7MH7723-1EU Damping fluid, 3000 CS, 1 lb bottle C) 7MH7723-1EV Damping fluid, 5000 CS, 1 lb bottle C) 7MH7723-1EW Range spring assembly, D1 C) 7MH7723-1FM Range spring assembly, D2 C) 7MH7723-1FN Range spring assembly, D3 C) 7MH7723-1FP Range spring assembly, D4 C) 7MH7723-1FQ Range spring assembly, D5 C) 7MH7723-1GJ Leaf spring kit, 4 required C) 7MH7723-1BQ Circuit card, LVDT, internal mount C) 7MH7723-1ET ILE-61 replacement o-ring kit 7MH7723-1DD ILE-61, Taper Pin, spare 7MH7723-1GD	
Coating (process side only) None, standard aluminum Epoxy - white/aluminum, external castings only Other coatings available upon request.		C) Subject to export regulations AL: N, ECCN: EAR99	
Sensing head mounted LVDT conditioner Not required ¹⁾ Required for use with SF500 or Siwarex FTC integrator ²⁾			

¹⁾ For use with Compu Series integrators or when externally mounted LVDT conditioner required. See Note under Classification.

²⁾ Available with classification option 1 only.

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