



Certificate of Compliance

This certificate is issued for the following:

Fire Pump Flowmeter Systems

**Turbo-Lux 3
(Modification)**
(see attached listing)

Prepared for:

Mecon GmbH
Roentgenstrasse 105
50169 Kerpen
Germany

FM Approvals Class: 1046

Approval Identification: 3056052 Approval Granted: May 14, 2018

To verify the product continues to be Approved please refer to www.approvalguide.com.

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', is written over a horizontal line.

David B. Fuller
VP, Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA



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Certificate of Compliance

Turbo-Lux 3 Fire Pump Flowmeter System

<i>Model designation</i>	<i>Pump rating gal/min (dm³/min)</i>	<i>Meter size inch (DN)</i>	<i>OD inch (mm)</i>	<i>Connection</i>
7ME5835-0AA00-#EB	50	2	2.375	Cut Groove
	(190)	(50)	(60.3)	
7ME5835-0AA00-#UC	100	2.5	2.875	Cut Groove
	(380)	(65)	(73.0)	
7ME5835-0AA00-#FC	100	2.5	3.000	Cut Groove
	(380)	(65)	(76.1)	
7ME5835-0AA00-#GD	150	3	3.500	Cut Groove
	(565)	(80)	(88.9)	
7ME5835-0AA00-#GE	200	3	3.500	Cut Groove
	(755)	(80)	(88.9)	
7ME5835-0AA00-#HF	250	4	4.500	Cut Groove
	(945)	(100)	(114.3)	
7ME5835-0AA00-#HG	300	4	4.500	Cut Groove
	(1135)	(100)	(114.3)	
7ME5835-0AA00-#HH	400	4	4.500	Cut Groove
	(1515)	(100)	(114.3)	
7ME5835-0AA00-#HJ	450	4	4.500	Cut Groove
	(1705)	(100)	(114.3)	
7ME5835-0AA00-#XK*	500	6	6.500	Roll Groove
	(1895)	(150)	(165.1)	
7ME5835-0AA00-#XL*	750	6	6.500	Roll Groove
	(2840)	(150)	(165.1)	
7ME5835-0AA00-#XM*	1000	6	6.500	Roll Groove
	(3785)	(150)	(165.1)	
7ME5835-0AA00-#XN*	1250	6	6.500	Roll Groove
	(4730)	(150)	(165.1)	
7ME5835-0AA00-#KK*	500	6	6.625	Roll Groove
	(1895)	(150)	(168.3)	



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7ME5835-0AA00-#KL*	750	6	6.625	Roll Groove
	(2840)	(150)	(168.3)	
7ME5835-0AA00-#KM*	1000	6	6.625	Roll Groove
	(3785)	(150)	(168.3)	
7ME5835-0AA00-#KN*	1250	6	6.625	Roll Groove
	(4730)	(150)	(168.3)	
7ME5835-0AA00-#LP*	1500	8	8.625	Roll Groove
	(5680)	(200)	(219.1)	
7ME5835-0AA00-#LQ*	2000	8	8.625	Roll Groove
	(7570)	(200)	(219.1)	
7ME5835-0AA00-#LR*	2500	8	8.625	Roll Groove
	(9465)	(200)	(219.1)	
7ME5835-0AA00-#LS*	3000	8	8.625	Roll Groove
	(11 355)	(200)	(219.1)	
7ME5835-0AA00-#MT*	3500	10	10.750	Roll Groove
	(13 250)	(250)	(273.0)	
7ME5835-0AA00-#MU*	4000	10	10.750	Roll Groove
	(15 140)	(250)	(273.0)	
7ME5835-0AA00-#MV*	4500	10	10.750	Roll Groove
	(17 035)	(250)	(273.0)	
7ME5835-0AA00-#NW*	5000	12	12.750	Roll Groove
	(18 925)	(300)	(323.9)	

* Optional housing tube in stainless steel

with/without measuring accuracy certificate for orifice plate flowmeter (SET)

Rated Working Pressure 232 psi (1600 kPa)

Each system consists of an orifice plate assembly with grooved end connections with a bypass meter to measure the flow. The differential pressure produced across the orifice plate causes a volume flow into the bypass meter. The bypass meter contains a conical glass tube with a float. The rising height of the float indicates the actual flow rate.



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