



Czech Metrology Institute



Member state  
**Czech Republic**

**Annex to OIML Certificate No.**  
**R49/2013-CZ-17.03**  
Annex 1

**Issuing Authority**

Name: Czech Metrology Institute  
Address: Okružní 31,  
638 00 Brno, CZ  
Person responsible: Jan Kalandra

**Applicant**

Name: LIANYUNGANG LIANLI · FIRST METER CO., LTD.  
Address: 9# Yuzhou South Road, Haizhou Development Zone,  
Lianyungang, Jiangsu  
China

Manufacturer of the certified type

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China

Identification of the certified type

**Water meter**  
**Type: PD97TRP**

Correction:  
Correction of typing mistake in characteristics, correct tables with basic technical data are:

Basic technical data of water meters type **PD97TRP** DN15 TO DN 25

<b>Manufacturer:</b>	LIANYUNGANG LIANLI · FIRST METER CO., LTD. 9# Yuzhou South Road, Haizhou Development Zone, Lianyungang, Jiangsu, China					
<b>Model number:</b>	PD97TRP					
<b>Type details:</b>						
Nominal diameter(DN)[mm]	15		20		25	
Overload flowrate(Q <sub>4</sub> )[m <sup>3</sup> /h]	3.125	2.00	5.00	3.125	7.875	5.00
Permanent flowrate(Q <sub>3</sub> )[m <sup>3</sup> /h]	2.50	1.60	4.00	2.5	6.30	4.00
Transitional flowrate(Q <sub>2</sub> )[m <sup>3</sup> /h]	0.025	0.0256	0.04	0.04	0.063	0.064
Minimum flowrate(Q <sub>1</sub> )[m <sup>3</sup> /h]	0.0156	0.016	0.025	0.025	0.0394	0.040
Ratio Q <sub>3</sub> /Q <sub>1</sub> :	160	100	160	100	160	100
Ratio Q <sub>2</sub> /Q <sub>1</sub> :	1.6					
Ratio Q <sub>4</sub> /Q <sub>3</sub> :	1.25					
Accuracy class	2					
Maximum permissible error for the lower flowrate zone (MPE <sub>l</sub> )	±5%					
Maximum permissible error for the upper flowrate zone (MPE <sub>u</sub> )	±2% for water having a temperature ≤30°C ±3% for water having a temperature >30°C					
Temperature class:	T30 and T50					
Water pressure classes	MAP 16					
Pressure-loss classes	ΔP 63					
Indicating range[m <sup>3</sup> ]	9999.9999 /99999.999					
Resolution of the indicating device[m <sup>3</sup> ]	0.00001/0.0001					
Flow profile sensitivity classes	U0 D0					
Orientation limitation	Any					
Length of horizontal water meter L[mm]	115 to165		165 to 190		175 to 210	
Connection type-screw thread size	G3/4B		G1B		G1 1/4B	
Reed switch power supply(U <sub>max</sub> /I <sub>max</sub> ):	Max.24V/0.01A					
Reed switch K-factor[impulse/L]	1/0.1					

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Basic technical data of water meters type **PD97TRP** DN32 TO DN 40

<b>Manufacturer:</b>	LIANYUNGANG LIANLI · FIRST METER CO., LTD. 9# Yuzhou South Road, Haizhou Development Zone, Lianyungang, Jiangsu, China			
<b>Model number:</b>	PD97TRP			
<b>Type details:</b>				
Nominal diameter(DN)[mm]	32		40	
Overload flowrate(Q <sub>4</sub> )[m <sup>3</sup> /h]	12.50	7.875	20.00	12.50
Permanent flowrate(Q <sub>3</sub> )[m <sup>3</sup> /h]	10.00	6.30	16.00	10.00
Transitional flowrate(Q <sub>2</sub> )[m <sup>3</sup> /h]	0.10	0.1008	0.16	0.16
Minimum flowrate(Q <sub>1</sub> )[m <sup>3</sup> /h]	0.0625	0.063	0.10	0.10
Ratio Q <sub>3</sub> /Q <sub>1</sub> :	160	100	160	100
Ratio Q <sub>2</sub> /Q <sub>1</sub> :	1.6			
Ratio Q <sub>4</sub> /Q <sub>3</sub> :	1.25			
Accuracy class	2			
Maximum permissible error for the lower flowrate zone (MPE <sub>l</sub> )	±5%			
Maximum permissible error for the upper flowrate zone (MPE <sub>u</sub> )	±2% for water having a temperature ≤30°C ±3% for water having a temperature >30°C			
Temperature class:	T30 and T50			
Water pressure classes	MAP 16			
Pressure-loss classes	ΔP 63			
Indicating range[m <sup>3</sup> ]	99999.999			
Resolution of the indicating device[m <sup>3</sup> ]	0.0001			
Flow profile sensitivity classes	U0 D0			
Orientation limitation	Any			
Length of horizontal water meter L[mm]	260		300	
Connection type-screw thread size	G1 1/2B		G2B	
Reed switch power supply(U <sub>max</sub> /I <sub>max</sub> ):	Max.24V/0.01A			
Reed switch K-factor[impulse/L]	0.1			



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The OIML Issuing Authority  
Pavel Klenovský

25 October 2018