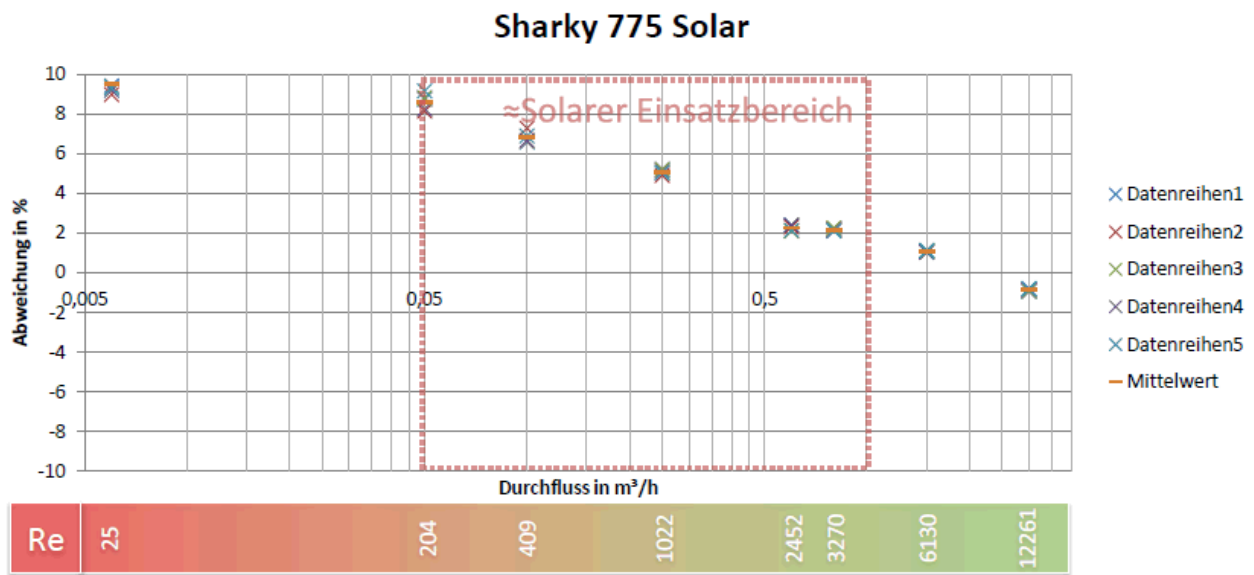


To whom it may concern,

The Diehl Metering Sharky 775 thermal energy meter is class 2 MID approved for use with water. The Sharky 775 Solar variant has been further tested and confirmed to work with Tyfocor LS to an accuracy of  $\pm 10\%$ .

Please find below a typical calibration curve of SHARKY 775 Solar DN15 with TYFOCOR LS (testing was performed by an independent external laboratory).



Please note that TYFOCOR LS is a ready to use heat-transfer fluid (approximately 40% of Propylen Glycol; the full datasheet is available upon request).

In comparison, please find below a Calibration certificate for several SHARKY 775 DN15 meters with water.

## Prüfergebnisse Volumenprüfung

*Test results volume test*

Prüfpunkt <i>Test point</i>	Prüfdurchfluss <i>Test flow rate</i> [l/h]	Prüfvolumen <i>Test volume</i> [l]	Messunsicherheit <i>Measurement uncertainty</i> [%]
1: Qp	1.412,83	12,79	0,6
2: 0.1 Qp	160,87	3,22	0,6
3: Qi	15,75	0,57	0,6

## Messabweichung Volumenprüfung [%]

*Error of measurement [%]*

HY Seriennr. <i>HY serial number</i>	Kundenseriennr. <i>Customer s.n.</i>	Prüfpunkt <i>Test point</i> 1	Prüfpunkt <i>Test point</i> 2	Prüfpunkt <i>Test point</i> 3
51787200	51787200	-0,30	0,30	-0,30
51787201	51787201	-0,10	0,80	0,90
51787202	51787202	0,00	0,40	-0,40
51787203	51787203	-0,30	0,00	-0,20
51787204	51787204	-0,20	0,90	-1,10
51787205	51787205	-0,40	0,70	0,30
51787206	51787206	-0,20	0,30	-0,10
51787207	51787207	-0,10	0,40	-1,10
51787208	51787208	-0,10	0,70	-0,30
51787209	51787209	-0,10	0,80	0,90
51787210	51787210	-0,40	0,10	-0,30

Our documentation confirms that SHARKY 775 Solar is accurate at +/-10% of the flow rate and SHARKY 775 is class 2 approved according to the MID for water.