

# ISO 4373:2022-03 (E)

## Hydrometry - Water level measuring devices

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Instruments specification .....	1
4.1	Performance parameters .....	1
4.2	Performance classification .....	1
4.3	Maximum rate of change .....	3
4.4	Environment .....	3
4.4.1	General .....	3
4.4.2	Temperature .....	3
4.4.3	Relative humidity .....	3
4.5	Timing .....	3
4.5.1	General .....	3
4.5.2	Digital .....	4
4.5.3	Analogue .....	4
5	Recording .....	4
5.1	General .....	4
5.2	Chart recorders .....	4
5.3	Data loggers .....	4
6	Enclosure .....	4
7	Installation .....	5
8	Maintenance .....	5
9	Estimation of measurement uncertainty .....	5
9.1	General .....	5
9.2	Type A uncertainty estimation .....	6
9.3	Type B uncertainty estimation .....	6
9.4	Uncertainty in case of low water level conditions .....	7
9.5	Level measurement datum .....	7
9.6	Combining primary measurement uncertainties .....	7
Annex A (informative) Types of water level measuring devices .....		8
Annex B (informative) Manually operated measuring devices .....		22
Annex C (informative) Recording devices .....		25
Bibliography .....		27