# Type: Klinger ULM

## Ultrasonic Level Transmitter



**Klinger ULM** Ultrasonic level transmitter are a non-contact measurement device that can be used to measure fluid levels in tanks and bassins. The transmitter uses a piezo element that emits high-frequency sound waves in the range around 40kHz for the measurement.

We deliver in both compact and separate versions - both are equipped with display and menu operation as standard

- Ranges max 30m
- Delivered with integrated display for status and programmering
- Adjusteable range and alarm levels

### General data



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|---|---|
| **Type:** | **Klinger ULM** |
| **Process Connection:** | Thread M78 x 2 |
| **Probe:** | PTFE or PVDF |
| **Range:** | 0...5 m to 0...30 m (4 sensor types) |
| **Accuracy:** | 3 mm or 0,1 % (Highest value are valid) |
| **Response time:** | < 1 sec |
| **Temperature range:** | -20°C ... 55°C |
| **Output:** | 4...20mA and/or 2 switch (Relay) |
| **Power Supply:** | 220VAC or 24VDC |

Also available for Open Channel flow measurement - ask for more information

| Varenummer | Produktkode | Måleområde | Udførelse | Udgangs signal | Forsyning | Lagervare |
|---|---|---|---|---|---|---|
| 19103068 | ULM-05-DC-S-1-1-PT | 5 meter | Kompakt med display | 4...20mA / 2-wire | 24VDC | |
| 19103069 | ULM-10-DC-S-1-1-PT | 10 meter | Kompakt med display | 4...20mA / 2-wire | 24VDC | |
| 19103070 | ULM-15-DC-S-1-1-PT | 15 meter | Kompakt med display | 4...20mA / 2-wire | 24VDC | |
| 19103071 | ULM-05-DC-S-1-3-PT | 5 meter | Kompakt med display | 4...20mA / 2 stk relæ | 24VDC | |
| 19103072 | ULM-10-DC-S-1-3-PT | 10 meter | Kompakt med display | 4...20mA / 2 stk relæ | 24VDC | |
| 19103073 | ULM-15-DC-S-1-3-PT | 15 meter | Kompakt med display | 4...20mA / 2 stk relæ | 24VDC | |
| 19103074 | ULM-05-AC-L-1-3-PT | 5 meter | Adskilt inkl. 10m kabel | 4...20mA / 2 stk relæ | 220 VAC 50Hz | |
| 19103075 | ULM-10-AC-L-1-3-PT | 10 meter | Adskilt inkl. 10m kabel | 4...20mA / 2 stk relæ | 220 VAC 50Hz | |
| 19103076 | ULM-15-AC-L-1-3-PT | 15 meter | Adskilt inkl. 10m kabel | 4...20mA / 2 stk relæ | 220 VAC 50Hz | |