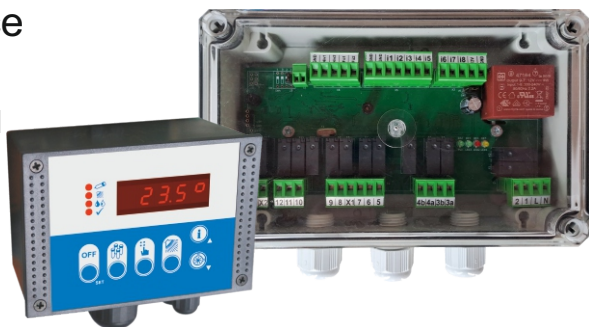


Accompanying Device Documentation

Universal exchange control for milking systems

RM-30 F



The device has to be mounted, connected and parameterized according to the user manual no. 106260 (for plant engineering companys). All herein indicated Safety Instructions must be strictly observed!

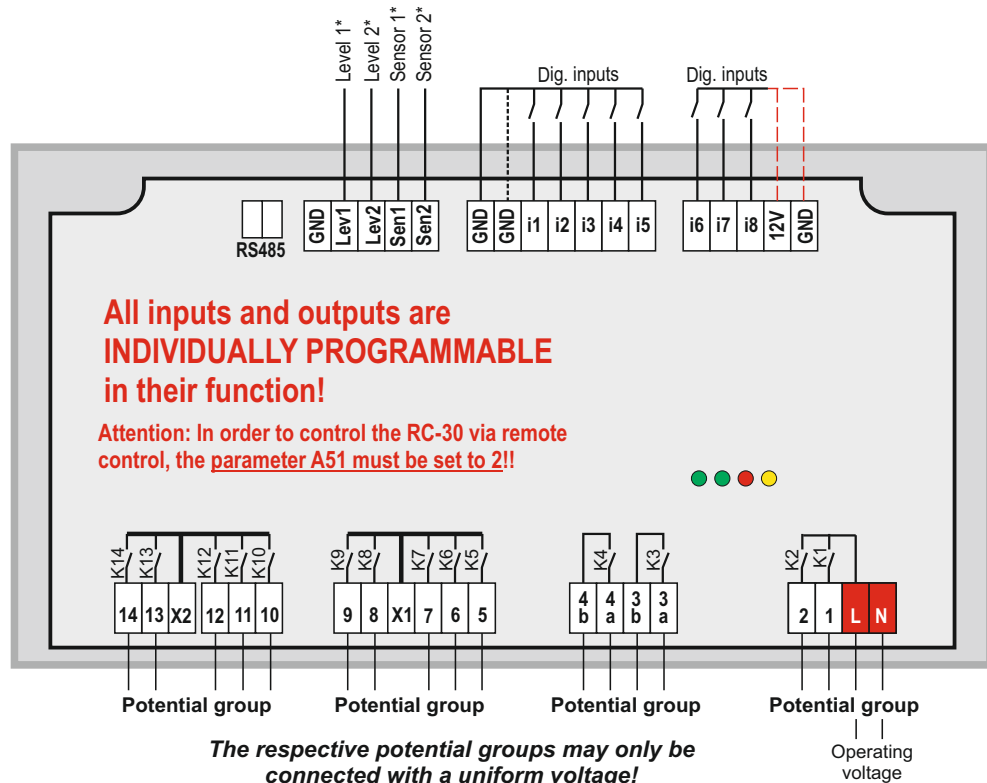
The user manual is available on the Internet at www.welba.de/pdf-englisch/ba/106260-rm-30.pdf. You can request a printed version at Welba.

Items supplied

- Replacement control RM-30 F
- Remote control unit
- Splash guard cover
- Installation and operating instructions

Unpacking and storage

If the packaging is damaged or something is missing, do not fit the temperature controller. In this case please contact Welba.
If you keep the temperature controller for a period before using it, store it in a clean dry place.



The plant engineering company must prepare operating instructions for the operator, taking account of the controller's parameters as supplied.

We recommend referring only to the parameters which the end user needs for safe operation.

In preparing the operating instructions for the end user, especially the chapter on "Safety", account must be taken of local regulations.

Technical data

| | |
|-------------------------|--|
| Operating voltage | 110..240V AC, 50/60 Hz (via terminal L + N) |
| Relay contacts | 14 power relays (closer) divided into 4 potential groups |
| max. switching current | 5A AC1 at 250V AC each |
| max. switching voltage | 250V AC - 50..60 Hz |
| Display | 4-digit display, 13 mm |
| Display range | -999 to 9999 |
| Sensor inputs | 2x PT-1000 |
| Measuring range | -10° to +110°C |
| Temperature resolution | 0.1°C |
| Water detection | via 2 electrodes (optional) |
| Digital inputs | 8 (via optocoupler) |
| Connection | pluggable screw terminals for cables up to 2.5 mm ² |
| Interface | RS-485 |
| Housing | Wall mounting housing W180 x B110 x D60 mm |
| Remote control unit | Display housing W131 x B91 x D66 mm |
| Protection class | IP 54 |
| Electrical safety | Protection class II, Overvoltage category III, |
| Pollution degree | Conductive dirt must not get into the interior of the housing |
| Rated impulse voltage | 1500V |
| Ambient temperature | 0° to +50°C |
| - Operating temperature | 0° to +50°C |
| - Storage temperature | -20° to +70°C |
| - max. humidity | 75% (no condensation) |

106257 D/E - Technical data subject to change. 16.06.2025



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