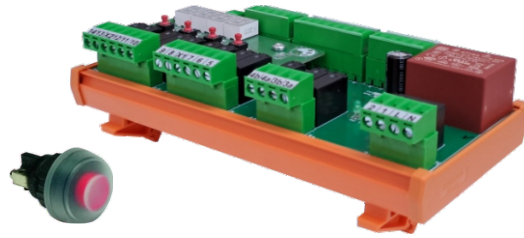


# Accompanying Device Documentation

Universal exchange control for milking systems

## RM-30 R



**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!**

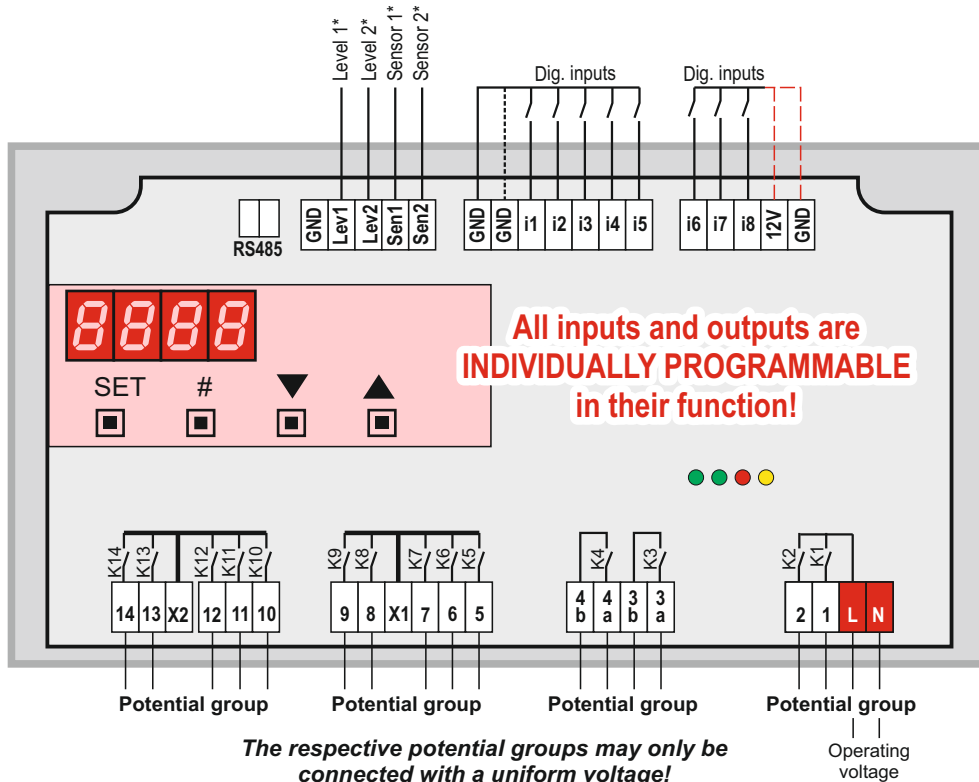
The user manual is available on the Internet at [www.welba.de/pdf-englisch/ba/106260-rm-30.pdf](http://www.welba.de/pdf-englisch/ba/106260-rm-30.pdf). You can request a printed version at Welba.

### Items supplied

- Replacement control RM-30 R
- Start button with protective cap
- 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 <sup>2</sup>
Interface	RS-485
Housing	for rain mounting 35 mm
Protection class	open design
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	
- Operating temperature	0° to +50°C
- Storage temperature	-20° to +70°C
- max. humidity	75% (no condensation)

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