

INDICATOR 3100N

REMOTE DISPLAY PROTOCOL



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The indicator 3100N offers the possibility to communicate one-directional with a remote display. With parameter 25 (Com 1) or 35 (Com 2) set to "2" this protocol will be activated. To be able to use this protocol the hardware option RS232 6V or RS232 12V should be installed (contact your supplier for this).

In remote display mode a data string is send out continuously to a remote display, PC or other host device. Whatever mode is indicated on the indicator will also be send out through the comport. In 'Gross' mode the string will contain the gross weight, in 'Net' mode the string will contain the net weight.

Data string:

1	2	3	4	5	6	7	8
+/-	0	0	0	0	0	.	<CR>
Sign	1 st digit	2 nd digit	3rd digit	4th digit	5th digit	Decimal point position depending of range	End of string

NOTE: In cases of error messages the indicator sends out the minus sign (= ascii value 45) and a <CR>.

Examples:

1	2	3	4	5	6	7	8	Condition on display indicator
+	0	0	2	5	.	0	CR	Weight displayed of 25.0 kg
-	0	1	3	0	.	5	CR	Weight displayed of -130.5 kg
+	0	0	0	0	.	0	CR	Weight displayed of 0.0 kg
-	-	-	-	-	-	-	CR	Error message displayed e.g. Err01
+	0	1	2	5	0	.	CR	Weight displayed of 1250.kg