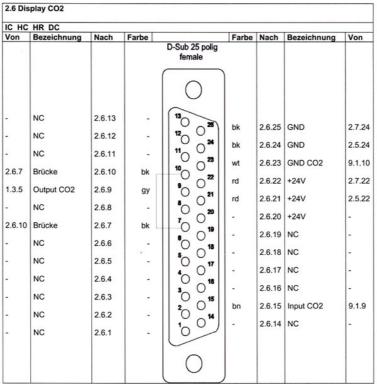| Title:	**N2 Display reading**				ID:
					0159
Date in:	**Response:**		**Model:**	**Author:**	
2006-03-02	*2006-03-02*		*-*	*CMa*	

Q:

N2-display reads 77.3%. The controller returns 0.

A:

To set: WR DM895 9000 -> seta N2 to 90%
To read: RD DM985

The data output on the display is on pin 9. Pin 7 and 10 must be bridged. On the 37-pin D-SUB connector on the Module the data line for N2 is 1.3.6 (I think). Anyway, there should be connection between 2.6.9 Pin 9 of the connector at the N2 display and input 009 on the PLC. And 009 should be blinking indicating rx data.

2.6 Display CO2

IC HC HR DC								
Von	**Bezeichnung**	**Nach**	**Farbe**	D-Sub 25 polig female	**Farbe**	**Nach**	**Bezeichnung**	**Von**
-	NC	2.6.13	-		bk	2.6.25	GND	2.7.24
-	NC	2.6.12	-		bk	2.6.24	GND	2.5.24
-	NC	2.6.11	-		wt	2.6.23	GND CO2	9.1.10
2.6.7	Brücke	2.6.10	bk		rd	2.6.22	+24V	2.7.22
1.3.5	Output CO2	2.6.9	gy		rd	2.6.21	+24V	2.5.22
-	NC	2.6.8	-		-	2.6.20	+24V	-
2.6.10	Brücke	2.6.7	bk		-	2.6.19	NC	-
-	NC	2.6.6	-		-	2.6.18	NC	-
-	NC	2.6.5	-		-	2.6.17	NC	-
-	NC	2.6.4	-		-	2.6.16	NC	-
-	NC	2.6.3	-		bn	2.6.15	Input CO2	9.1.9
-	NC	2.6.2	-		-	2.6.14	NC	-
-	NC	2.6.1	-					

Steckeransicht von Bestückungs Seite

![LiCONiC INSTRUMENTS logo] StX 40/200

1.3 Sensoren und Erweiterungen

HR

Von	Bezeichnung	Nach	Farbe		Farbe	Nach	Bezeichnung	Von
				D-Sub 37 polig male				
2.4.22	+24V (Disp)	1.3.1	wt		bn	1.3.20	+24V (Türsch)	4.3.1
2.4.25	GND (Disp)	1.3.2	bn		bu	1.3.21	GND (Türsch)	4.3.2
2.4.9	Temp (Disp)	1.3.3	gn		bk	1.3.22	Signal (Türsch)	4.3.3
2.5.9	RH (Disp)	1.3.4	ye		bn	1.3.23	+24V (CO2 Mod)	9.1.1
2.6.9	CO2 (Disp)	1.3.5	gy		wt	1.3.24	GND (CO2 Mod)	9.1.2
2.7.9	KTY (Disp)	1.3.6	-		gn	1.3.25	Ventil (CO2 Mod)	9.1.3
-	NC	1.3.7	-		ye	1.3.26	Pump (CO2 Mod)	9.1.4
-	NC	1.3.8	-		bu	1.3.27	GND (BCR)	3.4.5 10.1.4
-	NC	1.3.9	-.		rd	1.3.28	+5V (BCR)	10.1.3
-	NC	1.3.10	-		gn	1.3.29	Plt Det 2 (Transf)	3.5.9
4.4.1	+24V (Wasserst)	1.3.11	bn		wt	1.3.30	Motor – (Transf)	3.5.1
4.4.2	GND (Wasserst)	1.3.12	bu		bn	1.3.31	Motor + (Transf)	3.5.2
4.4.3	Signal (Wasserst)	1.3.13	bk		-	1.3.32	NC	-
-	NC	1.3.14	-		ye	1.3.33	Plt Det 1 (Transf)	3.5.4
4.5.2	GND (Vent HC)	1.3.15	bn		gy	1.3.34	Turn IN (Transf)	3.5.5
4.5.1	+24V (Vent HC)	1.3.16	wt		pk	1.3.35	Turn OUT (Transf)	3.5.6
1.3.15	Brücke	1.3.17	bn		bu	1.3.36	GND (Transf)	3.5.7
1.3.16	Brücke	1.3.18	wt		rd	1.3.37	+24V (Transf)	3.5.8
	NC	1.3.19	-					

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15.04.03