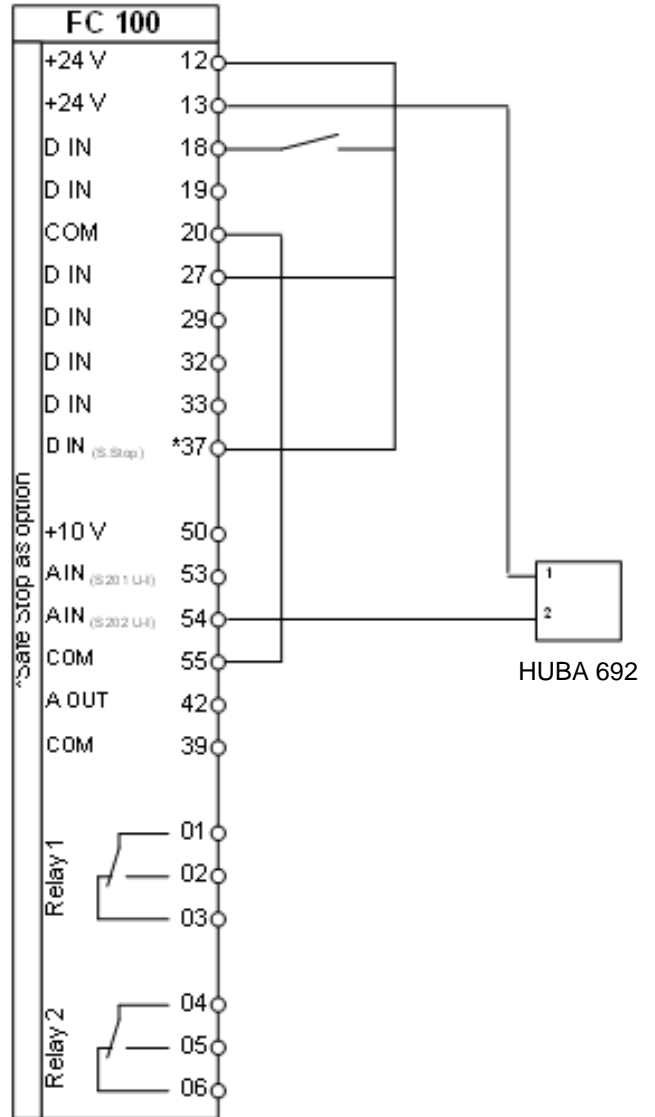


Parameter settings for Danfoss VLT® HVAC drive FC102

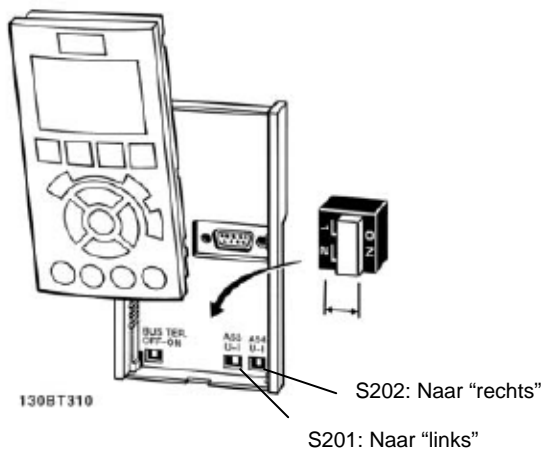
1* 0/4 – 20 mA signal from pressure transmitter



Control panel LCP102



Aansluitschema met twee-draads drukopnemer



Dipswitches S201 en S202 bevinden zich onder het LCP

Parameter Settings

Group 0 – Operation & Display

Par.	Description	Settings	Serial port value
001	Language	English	0
002	Motor speed unit	Hz	1
020	Display line 1.1 small	Feedback [unit]	1652
021	Display line 1.2 small	Reference [unit]	1601
022	Display line 1.3 small	Analog input 54	1664
023	Display line 2 large	Frequency [Hz]	1613
030	Custom readout unit	mbar	70

Group 1 – Load & Motor

Par.	Description	Settings	Serial port value
100	Configuration	Closed loop	3

Group 20 – Drive closed loop

Par.	Description	Settings	Serial port value
2000	Feedback 1 source	Analog input 54	2
2012	Reference / Feedback unit	mbar	2
2013	Minimum reference/feedback	0.000 mbar	0
2014	Minimum reference/feedback	600.000 mbar	600000
2021	Setpoint 1	100.000 mbar	100000
2093	PID proportional gain	1.00	100
2094	PID intergral time	10.00	1000

Group 3 – Reference / Ramps

Par.	Description	Settings	Serial port value
302	Minimum reference	0.000 mbar	0
303	Maximum reference	600.000 mbar	600000
315	Reference 1 source	No function	0
316	Reference 2 source	No function	0
317	Reference 3 source	No function	0
341	Ramp 1 ramp-up time 1	15 sec	15
342	Ramp 1 ramp-down time 1	15 sec	15

Group 6 – Analog In/Out

Par.	Description	Settings	Serial port value
622	Terminal 54 low current	0.0 or 4.0 mA	0 or 40000
623	Terminal 54 high current	20 mA	200000
624	Terminal 54 low ref. / feedb. value	0.000 mbar	0
625	Terminal 54 high ref. feedb. value	600.000 mbar	600000