

EDCi 1x / EDCi2x / EDCi5x / EDCi7x

GND	16	M1	16	GND	1	InCMDon1	16	GND	1	InCMDon1
InCMDon1	1	M1	31	InCMDon2	31	InCMDon2	31	InCMDon2	31	InCMDon2
InCMDon2	31	M1	17	GND	17	GND	17	GND	17	GND
GND	17	M1	2	EDCrdy	2	EDCrdy	2	EDCrdy	2	EDCrdy
EDCrdy	2	M1	32	LED	32	LED	32	LED	32	LED
LED	32	M1	18	EDCrdyCon1	18	EDCrdyCon1	18	EDCrdyCon1	18	EDCrdyCon1
EDCrdyCon1	18	M1	3	InEstop1	3	InEstop1	3	InEstop1	3	InEstop1
InEstop1	3	M1	33	InEstop2	33	InEstop2	33	InEstop2	33	InEstop2
InEstop2	33	M1	19	GND	19	GND	19	GND	19	GND
GND	19	M1	4	EDCstdbyRst	4	EDCstdbyRst	4	EDCstdbyRst	4	EDCstdbyRst
EDCstdbyRst	4	M1	34	BrakeOpen	34	BrakeOpen	34	BrakeOpen	34	BrakeOpen
BrakeOpen	34	M1	20	EDCrdyCon2	20	EDCrdyCon2	20	EDCrdyCon2	20	EDCrdyCon2
EDCrdyCon2	20	M1	5	Estop1	5	Estop1	5	Estop1	5	Estop1
Estop1	5	M1	35	Estop2	35	Estop2	35	Estop2	35	Estop2
Estop2	35	M1	21	GND	21	GND	21	GND	21	GND
GND	21	M1	6	EDCstdby	6	EDCstdby	6	EDCstdby	6	EDCstdby
EDCstdby	6	M1	36	n.c.	36	n.c.	36	n.c.	36	n.c.
n.c.	36	M1	22	+24VDC	22	+24VDC	22	+24VDC	22	+24VDC
+24VDC	22	M1	7	CMDon1	7	CMDon1	7	CMDon1	7	CMDon1
CMDon1	7	M1	37	CMDon2	37	CMDon2	37	CMDon2	37	CMDon2
CMDon2	37	M1	23	GND	23	GND	23	GND	23	GND
GND	23	M1	8	UpStop1	8	UpStop1	8	UpStop1	8	UpStop1
UpStop1	8	M1	38	DCMD Data B+	38	DCMD Data B+	38	DCMD Data B+	38	DCMD Data B+
DCMD Data B+	38	M1	9	n.c.	9	n.c.	9	n.c.	9	n.c.
n.c.	9	M1	24	UpStop2	24	UpStop2	24	UpStop2	24	UpStop2
UpStop2	24	M1	39	DCMD Data B-	39	DCMD Data B-	39	DCMD Data B-	39	DCMD Data B-
DCMD Data B-	39	M1	25	RMC_Estop1	25	RMC_Estop1	25	RMC_Estop1	25	RMC_Estop1
RMC_Estop1	25	M1	10	EDM	10	EDM	10	EDM	10	EDM
EDM	10	M1	40	DCMD Data A+	40	DCMD Data A+	40	DCMD Data A+	40	DCMD Data A+
DCMD Data A+	40	M1	26	SupEstop1	26	SupEstop1	26	SupEstop1	26	SupEstop1
SupEstop1	26	M1	11	MoveEnable	11	MoveEnable	11	MoveEnable	11	MoveEnable
MoveEnable	11	M1	41	DCMD Data A-	41	DCMD Data A-	41	DCMD Data A-	41	DCMD Data A-
DCMD Data A-	41	M1	27	SupEstop2	27	SupEstop2	27	SupEstop2	27	SupEstop2
SupEstop2	27	M1	12	CtrlEnable	12	CtrlEnable	12	CtrlEnable	12	CtrlEnable
CtrlEnable	12	M1	42	DownStop1	42	DownStop1	42	DownStop1	42	DownStop1
DownStop1	42	M1	28	RMC_Estop2	28	RMC_Estop2	28	RMC_Estop2	28	RMC_Estop2
RMC_Estop2	28	M1	13	Bypass	13	Bypass	13	Bypass	13	Bypass
Bypass	13	M1	43	DownStop2	43	DownStop2	43	DownStop2	43	DownStop2
DownStop2	43	M1	29	n.c.	29	n.c.	29	n.c.	29	n.c.
n.c.	29	M1	14	EDCstdby	14	EDCstdby	14	EDCstdby	14	EDCstdby
EDCstdby	14	M1	44	CMDrdrv	44	CMDrdrv	44	CMDrdrv	44	CMDrdrv
CMDrdrv	44	M1	30	AGND	30	AGND	30	AGND	30	AGND
AGND	30	M1	15	ACMD	15	ACMD	15	ACMD	15	ACMD
ACMD	15	M1								

ST-SUBD HD 44 M

X2

GND	1	M2	1	InHighPressure	14	InHighPressure	14	InHighPressure	14	InHighPressure
IN0	14	M2	2	InHighPressureOk	2	InHighPressureOk	2	InHighPressureOk	2	InHighPressureOk
IN1	2	M2	15	InLowPressure	15	InLowPressure	15	InLowPressure	15	InLowPressure
IN2	15	M2	3	GND	3	GND	3	GND	3	GND
IN3	3	M2	4	OutHighPressure	6	OutHighPressure	6	OutHighPressure	6	OutHighPressure
IN4	16	M2	5	OutHighPressureOk	7	OutHighPressureOk	7	OutHighPressureOk	7	OutHighPressureOk
IN5	4	M2	18	GND	18	GND	18	GND	18	GND
IN6	17	M2	6	OutLowPressure	8	OutLowPressure	8	OutLowPressure	8	OutLowPressure
IN7	4	M2	7	OutLowPressureOk	9	OutLowPressureOk	9	OutLowPressureOk	9	OutLowPressureOk
GND	18	M2	22	GND	22	GND	22	GND	22	GND
Out0	19	M2	10	Highpressure	10	Highpressure	10	Highpressure	10	Highpressure
Out1	7	M2	11	Lowpressure	11	Lowpressure	11	Lowpressure	11	Lowpressure
Out2	20	M2	12	Highpressure	12	Highpressure	12	Highpressure	12	Highpressure
Out3	8	M2	24	Lowpressure	24	Lowpressure	24	Lowpressure	24	Lowpressure
Out4	21	M2	25	Highpressure	25	Highpressure	25	Highpressure	25	Highpressure
Out5	9	M2	13	Lowpressure	13	Lowpressure	13	Lowpressure	13	Lowpressure
Out6	22	M2								
Out7	10	M2								
	23	M2								
	11	M2								
	24	M2								
	12	M2								
24V	25	M2								
24V	13	M2								

SUBD25M

Parameter selection in Installation Center  
General Data --> Drive Interface

External Device Monitoring (EDM)	ENABLE
Estop Supply	ENABLE
Up Stop Switch	DISABLE
Down Stop Switch	DISABLE

PE

min. 6mm<sup>2</sup>

distribution cabinet

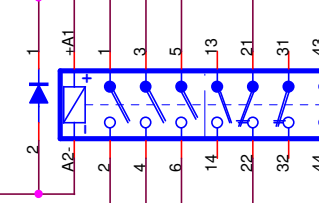
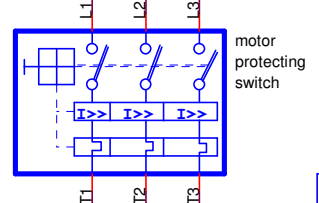
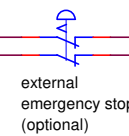
hydraulic aggregate

highpressure switch

highpressure valve

dump valve

hydraulic pump



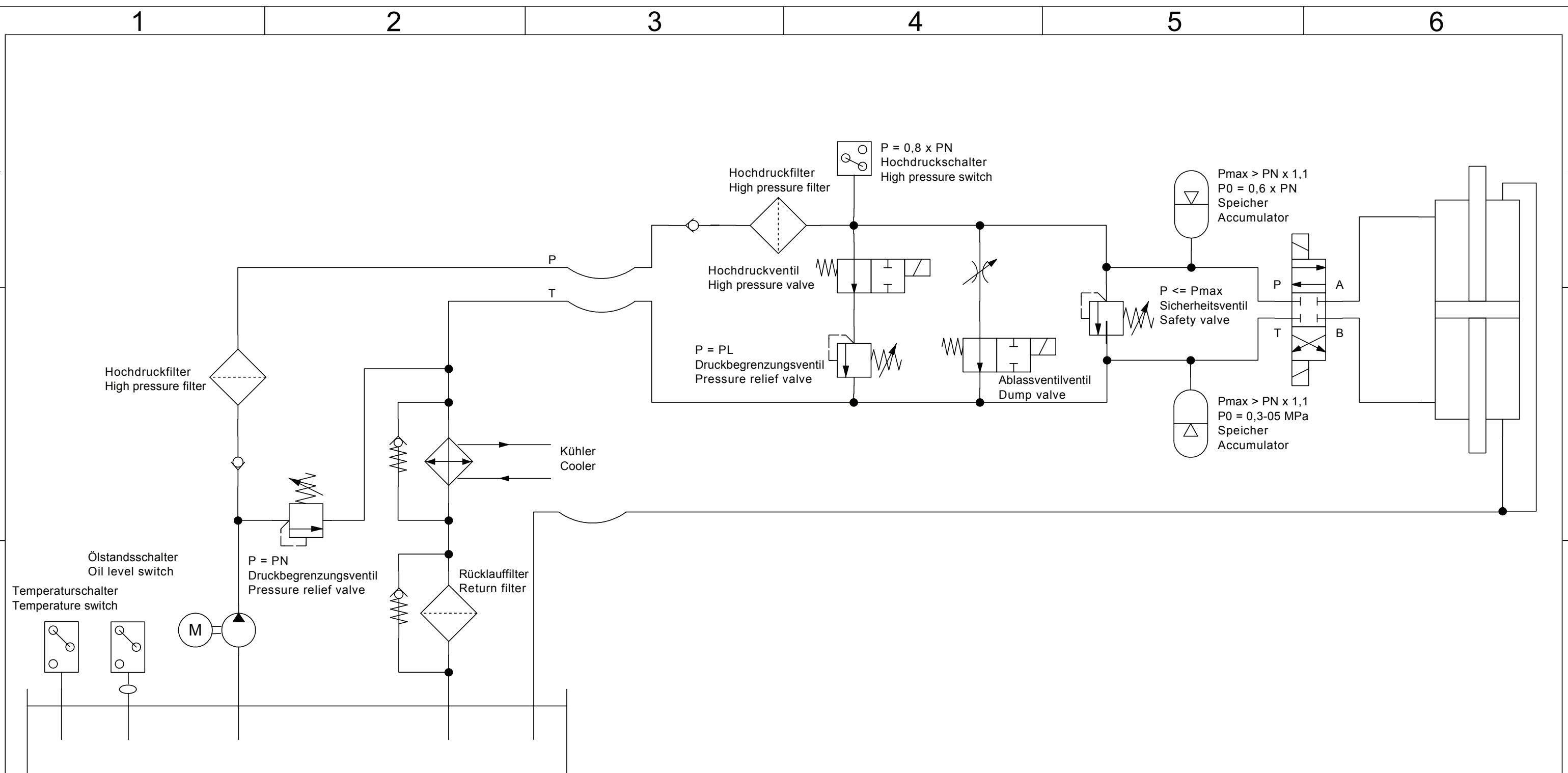
DOLI GmbH  
Adi-Maislinger-Str.7  
D-81373 München  
www.DOLI.de

EDCi\_High\_Low\_Pressure.DSN /GRS

Title  
EDCi\_High\_Low\_Pressure

Size A3	Document Number EDCi_High_Low_Pressure	Rev 3.1
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Date: Tuesday, March 31, 2020 Sheet 1 of 1



PN = Hochdruck / High pressure z.B. 28 MPa  
 PL = Niederdruck / Low pressure e.g. 4 MPa

					Datum	Name	Projekt		Anlage	
					Gezeich.	08.02.12	GRB	Prinzipschaltbild Zuflussregelung / Influx control		Ort
					Gesehen			Prinzipschaltbild_Zuflussregelung		Maßstab
Nr.	Änderung	Datum	Name	Freigabe						Blatt
1										1
										von
										1

