

3-PSL-Cable Box 1



121001

PSL CABLES



**Aluminum Box 1: 9 Pin Sub D 50 m bzw. 75m x 23**

3-PSL-Cable Box 2



121002



**Aluminum Box 2: 9 Pin Sub D 50 m bzw. 75m x 15,**



3-PSL-Cable Box 3



121003

**Aluminum Box 3: 25 Pin Sub D 50 m bzw. 75m x 4 and ALL other cables**



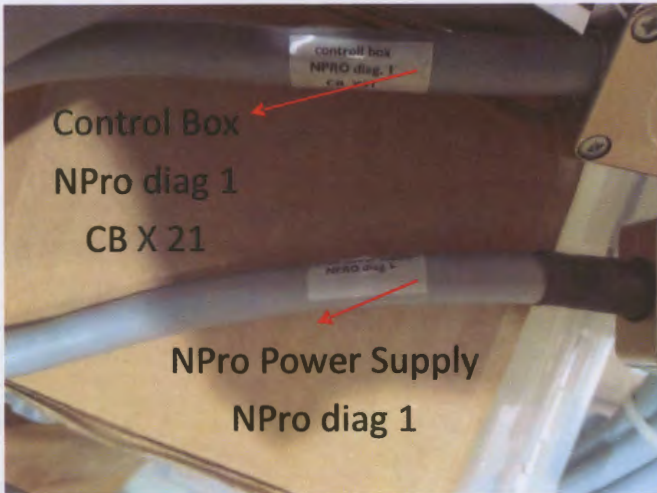
## PSL CABLES: Non-Lavender



NPro Power Supply  
NPro diag 2



Control Box  
NPro diag 11



Control Box  
NPro diag 1  
CB X 21

NPro Power Supply  
NPro diag 1



Misc. Cables : LH\_S3 Osc-Lid, LH\_H1 Laser light, LH\_B15 Power Meter 1, LH\_B16 Power Meter 2, LH\_X22 Power Meter 3



Control Box to Injection Locking Field Box Cables: CB\_Injection Locking\_Field box 1, CB\_Injection Locking\_Field box 2



## PSL CABLES: Non-Lavender

interlock outputs				
INTERLOCK_OUT_PS1	PS1 CON A	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_PS2	PS2 CON A	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_PS3	PS3 CON A	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_PS4	PS4 CON A	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_TEC1	TEC 1	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_TEC2	TEC 2	Kabeldose Serie 712 2pol	Connector from powersupply	2m
INTERLOCK_OUT_frontend	FE_DB	Kabelstecker Serie 712 7pol	Kabelstecker Serie 712 7pol	2m
INTERLOCK_OUT_NPRO	NPRO	Kabelstecker Serie 712 5pol	Kabelstecker Serie 712 5pol	2m

INTERLOCK OUTPUTS CABLES: Interlock out\_PS1, Interlock out\_PS2, Interlock out\_PS3, Interlock out\_PS4, Interlock out\_TEC1, Interlock out\_TEC2, Interlock out frontend, Interlock out\_NPRO

CB to interlock, cooling water and interlock				
CB_COOLING WATER interlock sensor	U-Sup 9 12Z	D-Sup 9 male	D-Sup 9 female	15m
CB_COOLING WATER flow sensor	Flow frontendflow detector	Gerätestecker Serie 712 2pol	Gerätestecker Serie 712 2pol	15m
CB_INTERLOCK_pushbutton	pushbutton on PSL-table	Kabelstecker Serie 712 2pol	Kabelstecker Serie 712 2pol	15m
CB_INTERLOCK_external	LVEA facility interlock	Kabelstecker Serie 712 2pol	Kabelstecker Serie 712 2pol	15m



CONTROL BOX to INTERLOCK, COOLING WATER and INTERLOCK CABLES: CB\_COOLING WATER Pressure Sensors, CB\_COOLING WATER Flow Sensors, CB\_INTERLOCK\_Pushbutton, CB\_INTERLOCK\_external (Bag opened)

CB to NPRO, frontend				
CB_NPRO_diag 1	NPRO power supply	U-Sup 28 female	D-Sup 28 male	10m
CB_NPRO_diag 2	NPRO power supply	U-Sup 28 female	D-Sup 28 male	10m
CB_FRONTEND_diag 1	Frontend power supply	U-Sup 28 female	D-Sup 28 male	10m
CB_FRONTEND_diag 2	Frontend power supply	U-Sup 28 female	D-Sup 28 male	10m



CONTROL BOX to NPRO, FRONTEND CABLES: CB\_NPRO\_diag 1, CB\_NPRO\_diag 2, CB\_FRONTEND\_diag 1, CB\_FRONTEND\_diag 2 (Bag opened)

interlock box inputs				
INTERLOCK_IN_TEC1	TEC1_CON D	Kabelstecker Serie 712 2pol	connector from powersupply	2m
INTERLOCK_IN_TEC2	TEC2_CON D	Kabelstecker Serie 712 2pol	connector from powersupply	2m
INTERLOCK_IN_DB1	DB1 interlock	Kabelstecker Serie 712 2pol	Gerätestecker Serie 712 2pol	2m
INTERLOCK_IN_DB2	DB2 interlock	Kabelstecker Serie 712 2pol	Gerätestecker Serie 712 2pol	2m
INTERLOCK_IN_DB3	DB3 interlock	Kabelstecker Serie 712 2pol	Gerätestecker Serie 712 2pol	2m
INTERLOCK_IN_DB4	DB4 interlock	Kabelstecker Serie 712 2pol	Gerätestecker Serie 712 2pol	2m
INTERLOCK_IN_ext	facility interlock	Kabelstecker Serie 712 2pol	Gerätestecker Serie 712 2pol	2m
xtal chiller_interlock	IL_CHILLERS_xtal	D-Sup 9 female	D-Sup 9 male	15m
diode chiller_interlock	IL_CHILLERS_dio	D-Sup 9 female	D-Sup 9 male	15m

INTERLOCK BOX INPUTS CABLES: Interlock In\_TEC 1, Interlock In\_TEC 2, Interlock In\_DB 1, Interlock In\_DB 2, Interlock In\_DB 3, Interlock In\_DB 4, Interlock In\_ext, xtal chiller\_interlock, diode chiller\_interlock



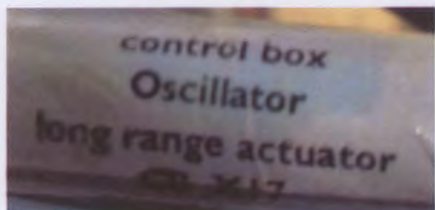
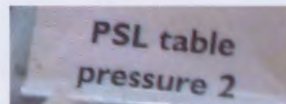
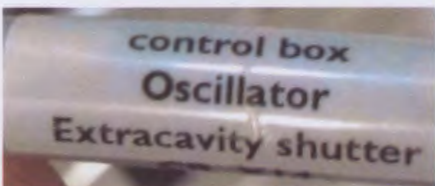
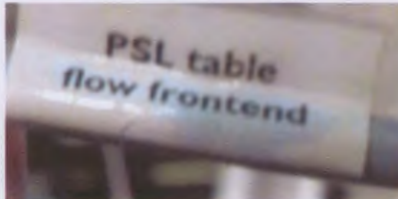
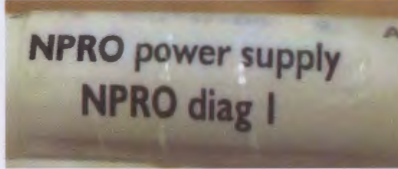
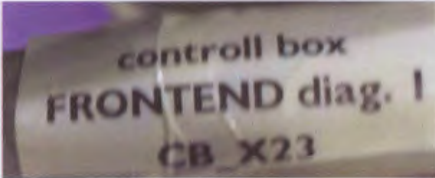
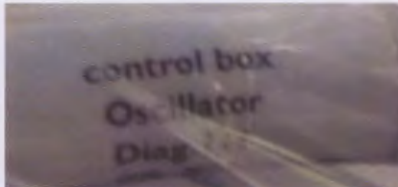
NPRO cables





# PSL CABLES: NON-LAVENDER

## Individually Labeled and LEMO



Lots of LEMOs



## PSL CABLES: NON-LAVENDER

EtherCAT communication				
PSL_PC_Ethercat	IL_Ethercat input	RJ45	RJ45	0.5m
IL_Ethercat output	DB1_Ethercat in	RJ45	RJ45	1m
DB1_Ethercat out	DB2_Ethercat input	RJ45	RJ45	1m
DB2_Ethercat out	DB3_Ethercat input	RJ45	RJ45	1m
DB3_Ethercat out	DB4_Ethercat input	RJ45	RJ45	1m
DB4_Ethercat out	FE-DB_Ethercat in	RJ45	RJ45	1m
FE-DB_Ethercat out	fiber uplink switch	RJ45	RJ45	2m
fiber uplink switch	CB_Ethercat in	RJ45	RJ45	2m



Ether CAT Communication Cables: PSL\_PC Ethercat, IL\_Ethercat output, DB 1\_Ethercat out, DB 2\_Ethercat out, DB 3\_Ethercat out, DB 4\_Ethercat out, FE-DB\_Ethercat out, XXXer uplink switch



+24V SUPPLY CABLES: IL\_X1, IL\_X2, IL\_X3, IL\_X4

Chiller communication				
xtal chiller_RS232	IPC_COM3	D-Sub 9 male	D-Sub 9 female	15m
diode chiller_RS232	IPC_COM2	D-Sub 9 male	D-Sub 9 female	15m



CHILLER COMMUNICATION CABLES: xtal chiller\_RS232, diode chiller\_RS 232



Unlabeled cable Wad