

X1		
D-Sub	male	25-pin
SENSE_P_1		1
SENSE_N_1		14
SENSE_P_2		3
SENSE_N_2		16
SENSE_P_3		5
SENSE_N_3		18
SENSE_P_4		7
SENSE_N_4		20
SENSE_P_5		9
SENSE_N_5		22
SENSE_P_6		11
SENSE_N_6		24
GND		13

W1			
12x	0.25 mm²	+ S	0.2 m
X1:14:SENSE_N_1		1:WH	X2:z2
X1:1:SENSE_P_1		2:BN	X2:d4
X1:16:SENSE_N_2		3:GN	X2:z8
X1:3:SENSE_P_2		4:YE	X2:d10
X1:18:SENSE_N_3		5:GY	X2:z14
X1:5:SENSE_P_3		6:PK	X2:d16
X1:20:SENSE_N_4		7:BU	X2:z18
X1:7:SENSE_P_4		8:RD	X2:d20
X1:22:SENSE_N_5		9:BK	X2:z24
X1:9:SENSE_P_5		10:VT	X2:d26
X1:24:SENSE_N_6		11:GYPK	X2:z30
X1:11:SENSE_P_6		12:RDBU	X2:d32
X1:13:GND		Shield	

X2		
F48	female	48-pin
z2		
b2		
d2		
z4		
b4		
d4		
z6		
b6		
d6		
z8		
b8		
d8		
z10		
b10		
d10		
z12		
b12		
d12		
z14		
b14		
d14		
z16		
b16		
d16		
z18		
b18		
d18		
z20		
b20		
d20		
z22		
b22		
d22		
z24		
b24		
d24		
z26		
b26		
d26		
z28		
b28		
d28		
z30		
b30		
d30		
z32		
b32		
d32		