Plug connection DWC-6A F / x x x X

-X1	*Supply*	*FUNCTION*
1	L (+24VDC)	⊏⊐ 2Atr. (5x20mm)
2	N (0V/24V)	Power supply: 90-250VAC/47-440Hz (DWC-6A F / 1 x x X)
3	⊥ PE	alternativ: 18-36VDC (DWC-6A F / 2 x x X)
4	⊥ PE	100-240VAC 50/60Hz (DWC-6A F / 3 x x X)
		max. 15W

-X2	*E/A*	
1	+24VDC	internal voltage 24VDC,
2		external load:
3	0V/24V	max. 200mA (AC-Devices version)
4		
5	⊥ PE	
6		
7	STRINT	pulse input-tacho,
8	U1	3 binary inputs
9	U2	12-28VDC/ca. 10mA at 24VDC each input
10	U3	
11		
12		Counting impulse output potential free,
13		loadable 60V/150mA
14	⊥ PE	
15	K1	2 Relay outputs max. 250VAC/3A
16		
17	K2	
18		
19	⊥ PE	
20	DA1/mA	Analog output DA1 0(4)..20mA
21	DA1/V	Analog output DA1 0..+10V
22	GND/DA1	reference potential DA1
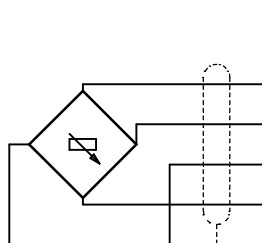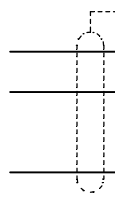
-X5	*Load cell*	
1	-M	connection for DMS-load cell
2	+V	Supply 3,3V / max. 100mA
3	-V	conforms
4	+M	(cells with each 350 Ohms parallel)
5	⊥ Shield	

Supply : OPTO,Strint,Counting pulse
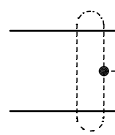
① —— External supply 12-28VDC
② ------- Internal supply 24VDC
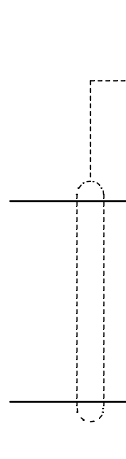
Plug connection DWC-6A F / x x x X

-X4	RS-232	SUB-D Plug
1	⊣⊩ PE	serial interfaces:
2	RS232 RXD	RXD/TXD: RS232
3	RS232 TXD	
4	+5V	
5	GND	
6	NC	
7	NC	
8	+5V	
9	GND	
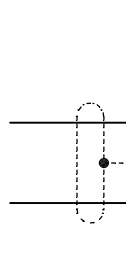
-X9	RS-485	Connecting terminals
1	GND	serial interfaces:
2	RS485 B	A/B: RS485
3	⊣⊩ PE	
4	RS485 A	
5	+5V	

Plug connection DWC-6A F / x x x P
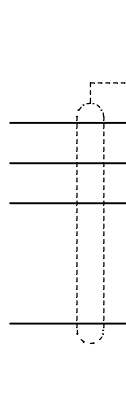
-X7	ProfiBus-DP	SUB-D Jack
Housing	⏚ PE	PROFI-BUS
1	NC	A/B: RS485
2	NC	
3	PROF B	
4	RTS	
5	PROF GND	
6	PROF +5V	
7	NC	
8	PROF A	
9	NC	

Plug connection DWC-6A F / x x x D
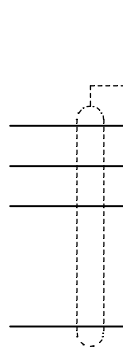
-X6	Device Net	Connecting terminals
1	V-	Device Net interface
2	CAN_L	
3	SHIELD	
4	CAN_H	
5	V+	

Plug connection DWC-6A F / x x x E
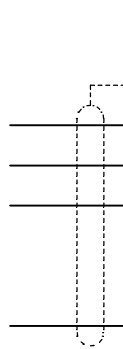
-X3	Ethernet	RJ45 - Jack
Housing	⏚ PE	Ethernet interface
1	TD+	
2	TD-	
3	RD+	
4	RX COMMON	
5	RX COMMON	
6	RD-	
7	TX COMMON	
8	TX COMMON	

Plug connection DWC-6A F / x x x PN

-X3	*Profinet*	*RJ45-jack*
Housing	⊣⊢ PE	Shield
1	TD+	Profinet interface
2	TD-	
3	RD+	
4	NC	
5	NC	
6	RD-	
7	NC	
8	NC	

Plug connection DWC-6A F / x x x M

-X3	*Modbus-TCP*	*RJ45-jack*
Housing	⊣⊢ PE	Shield
1	TD+	Modbus-TCP interface
2	TD-	
3	RD+	
4	NC	
5	NC	
6	RD-	
7	NC	
8	NC	