

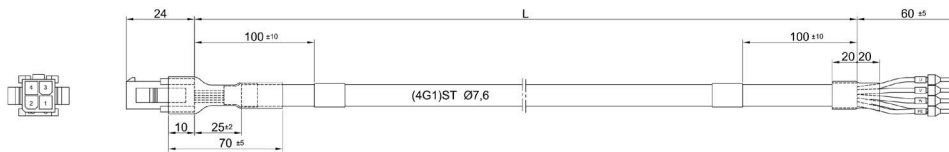
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 40-60-80 without holding brake for DO connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black 1	Length (mm)	Order code
4	FASE V	Black 2		
7	FASE W	Black 3		
8	PE	Yellow-Green		
			3000	003108015156
			5000	003108015157
			10000	003108015155

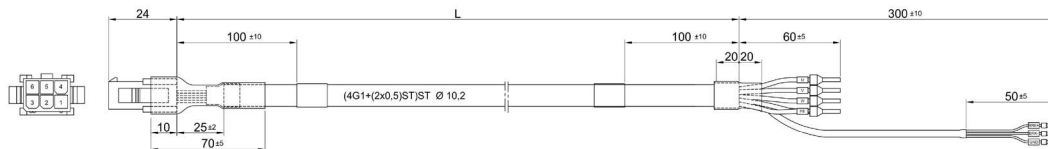
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 40-60-80 with holding brake for DO connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black 1	Length (mm)	Order code
2	FASE V	Black 2		
4	FASE W	Black 3		
5	PE	Yellow-Green		
3	BRAKE 1	Brown		
6	BRAKE 2	White		
			3000	003108015159
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			10000	003108015158

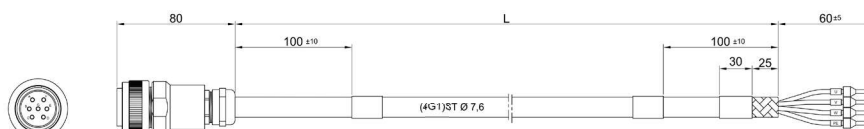
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 100 4A - 130 5A - 130 5B - 130 5C - 130 5D - 130 5E - 130 5F - 130 5G without holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Length (mm)	Order code
G	FASE V	Black		
B	FASE W	Red		
D	PE	Yellow-Green		
			3000	003108015244
			5000	003108015245
			10000	003108015246

Power free wire cable for FLEXI-PRO and general purpose



SEE IT BEFORE IT HAPPENS

**MOTOR
POWER**
COMPANY

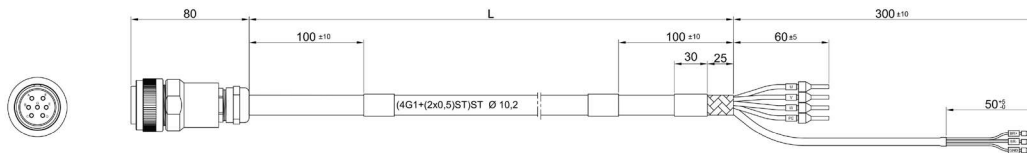
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 100 4A - 130 5A - 130 5B - 130 5C - 130 5D - 130 5E - 130 5F - 130 5G with holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Lenght (mm)	Order code
G	FASE V	Black		
B	FASE W	Red	3000	003108015247
D	PE	Yellow-Green	5000	003108015248
F	BK +	Red	10000	003108015249
A	BK -	Black		

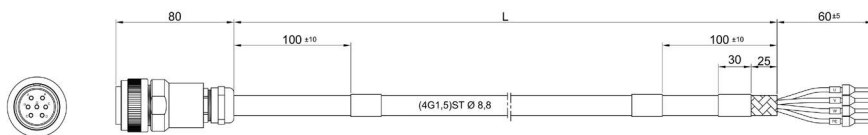
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 100 4B - 130 5H without holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Lenght (mm)	Order code
G	FASE V	Black		
B	FASE W	Red	1500	003108015164
D	PE	Yellow-Green	3000	003108015165
			5000	003108015166
			10000	003108015228

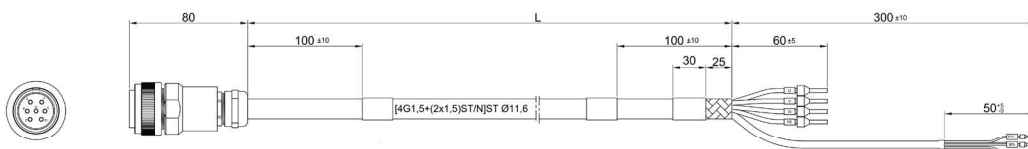
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 100 4B - 130 5H with holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Lenght (mm)	Order code
G	FASE V	Black		
B	FASE W	Red	3000	003108015168
D	PE	Yellow-Green	5000	003108015169
F	BK +	Red	10000	003108015167
A	BK -	Black		

Power free wire cable for FLEXI-PRO and general purpose



SEE IT BEFORE IT HAPPENS

**MOTOR
POWER**
COMPANY

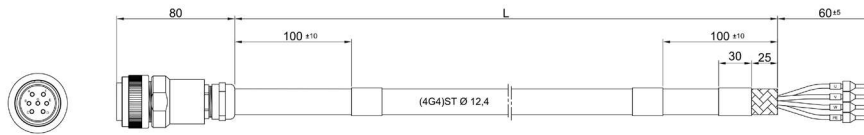
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 180 6A - 180 6B - 180 6C - 180 6D without holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black 1	Lenght (mm)	Order code
4	FASE V	Black 2		
7	FASE W	Black 3		
8	PE	Yellow-Green		
			3000	003108015177
			5000	003108015178
			10000	003108015176

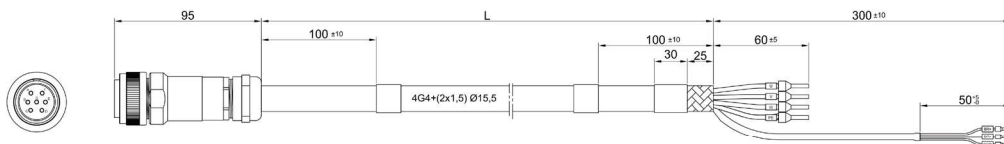
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 180 6A - 180 6B - 180 6C - 180 6D with holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Lenght (mm)	Order code
G	FASE V	Black		
B	FASE W	Red		
D	PE	Yellow-Green		
F	BK +	Red		
A	BK -	Black		
			3000	003108015180
			5000	003108015181
			10000	003108015179

Power free wire cable for FLEXI-PRO and general purpose



SEE IT BEFORE IT HAPPENS

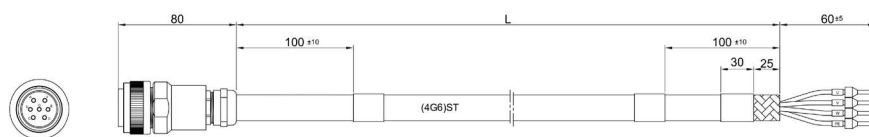
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 180 6E - 180 6F - 180 6G without holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black 1	Lenght (mm)	Order code
4	FASE V	Black 2		
7	FASE W	Black 3	3000	003108015183
8	PE	Yellow-Green	5000	003108015184
			10000	003108015182

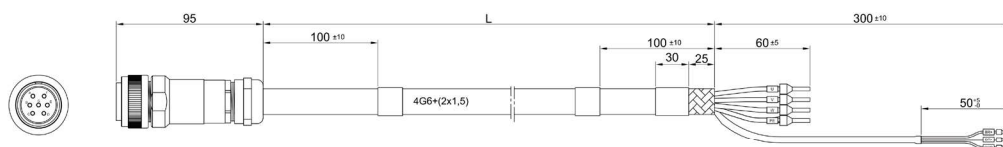
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 180 6E - 180 6F - 180 6G with holding brake for C3 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
E	FASE U	White	Lenght (mm)	Order code
G	FASE V	Black		
B	FASE W	Red	3000	003108015186
D	PE	Yellow-Green	5000	003108015187
F	BK +	Red	10000	003108015185
A	BK -	Black		

Power free wire cable for FLEXI-PRO and general purpose



SEE IT BEFORE IT HAPPENS

**MOTOR
POWER**
COMPANY

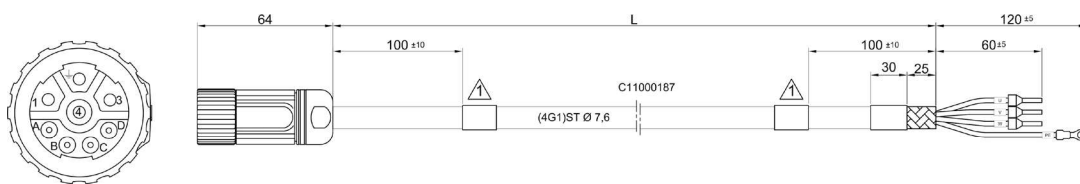
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 60- 80 -100 4A - 130 5A - 130 5B - 130 5C - 130 5D - 130 5E - 130 5F - 130 5G without holding brake for C2 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black		
3	FASE W	Black		
2	PE	Yellow-Green		
			3000	003108015250
			5000	003108015251
			10000	003108015252

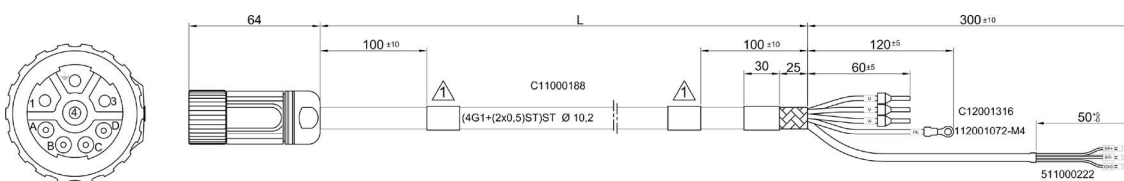
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 60 - 80 - 100 4A - 130 5A - 130 5B - 130 5C - 130 5D - 130 5E - 130 5F - 130 5G with holding brake for C2 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black		
3	FASE W	Black		
2	PE	Yellow-Green		
A	BK +	Black	3000	003108015253
B	BK -	White	5000	003108015254
			10000	003108015255

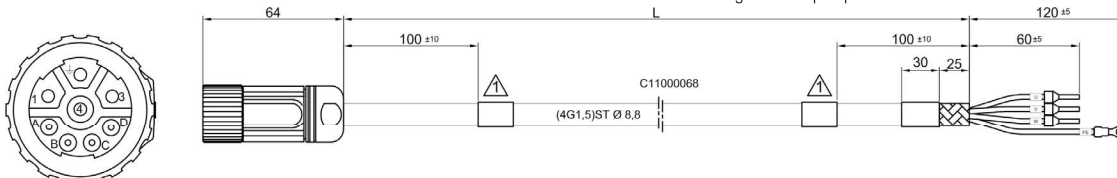
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 100 4B - 130 5H without holding brake for C2 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black		
3	FASE W	Red		
2	PE	Black		
			3000	003108015192
			5000	003108015193
			10000	003108015191

Power free wire cable for FLEXI-PRO and general purpose



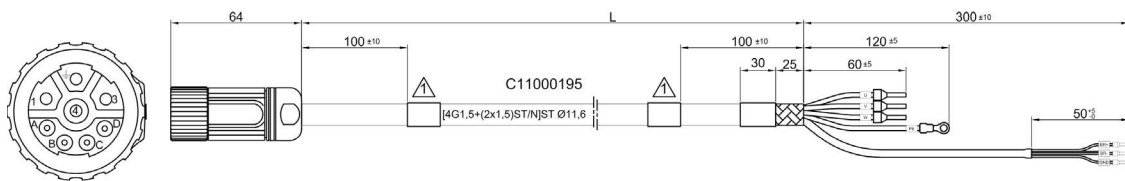
CABLES SPECIFICATIONS

Dynamic laying cable E83517 – cRUus AWM STYLE 21223 certified

POWER CABLES for models TC-E 100 4B - 130 5H with holding brake for C2connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black	3000	003108015195
3	FASE W	Black	5000	003108015196
2	PE	Yellow-Green	10000	003108015194
A	BK +	Black		
B	BK -	White		

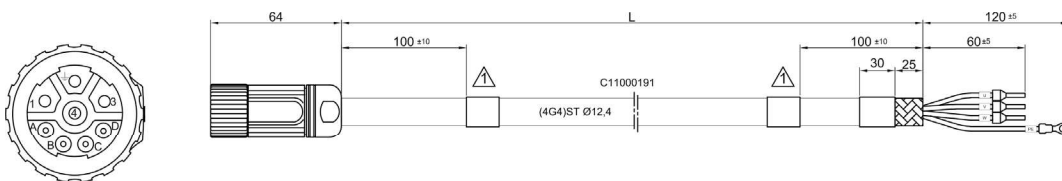
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 180 6A - 180 6B - 180 6C - 180 6D without holding brake for C2 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black	3000	003108015204
3	FASE W	Black	5000	003108015205
2	PE	Yellow-Green	10000	003108015203

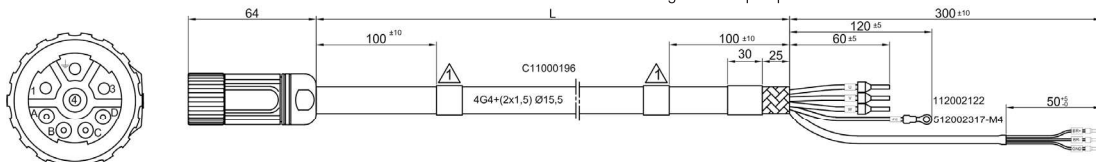
Power free wire cable for FLEXI-PRO and general purpose



POWER CABLES for models TC-E 180 6A - 180 6B - 180 6C - 180 6D with holding brake for C2 connection

PIN motor side	FUNCTION	Cable wire colour	For cable order	
1	FASE U	Black	Lenght (mm)	Order code
4	FASE V	Black	3000	003108015207
3	FASE W	Black	5000	003108015208
2	PE	Yellow-Green	10000	003108015206
A	BK +	Black		
B	BK -	White		

Power free wire cable for FLEXI-PRO and general purpose



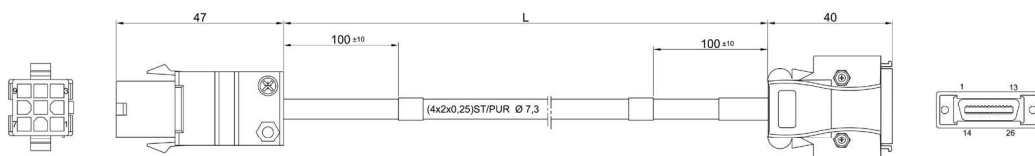
CABLES SPECIFICATIONS

Dynamic laying cable E83517 cULus AWM STYLE 20233 and E83517 – cRUus AWM STYLE 20549 certified

SIGNAL CABLES for models TC-E 40-60-80 feedback A1 absolute multiturn encoder for D0 connection

PIN motor side	FUNCTION	PIN drive side	For cable order			
1	DATA +	1	Length (mm)	Order code		
2	SIN +	9			3000	003108015210
3	SIN -	22			5000	003108015211
4	DATA -	14	10000	003108015209		
5	COS +	10				
6	COS -	23				
7	8 VDC	18				
8	GND	24				
9	SHIELD	26				

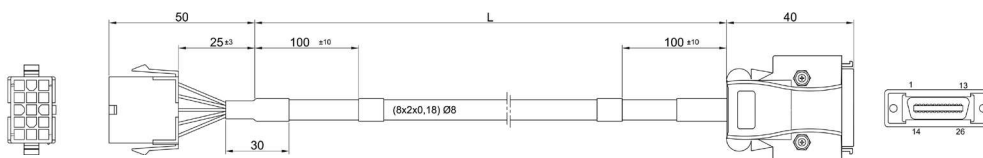
Signal wired cable for FLEXI-PRO with absolute multiturn encoder



SIGNAL CABLES for models TC-E 40-60-80 feedback E1 incremental encoder for D0 connection

PIN motor side	FUNCTION	PIN drive side	For cable order			
1	A	1	Length (mm)	Order code		
2	A/	14			3000	003108015219
3	B	2			5000	003108015220
4	B/	15	10000	003108015218		
5	Z	3				
6	Z/	16				
7	HU	4				
8	HU/	NC				
9	HV	17				
10	HV/	NC				
11	HW	5				
12	HW/	NC				
13	5 VDC	11				
14	GND	24				
15	SHIELD	26				

Signal wired cable for FLEXI-PRO with incremental encoder



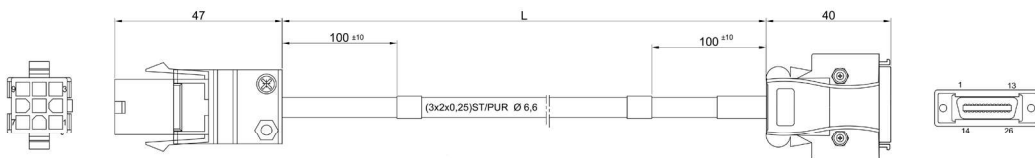
CABLES SPECIFICATIONS

Dynamic laying cable E83517 cULus AWM STYLE 20233 and E83517 – cRUus AWM STYLE 20549 certified

SIGNAL CABLES for models TC-E 40-60-80 feedback A2 20 bit absolute encoder for D0 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
1	DATA +	1	Length (mm)	Order code
4	DATA -	14	3000	003108015162
7	5 VDC	11	5000	003108015163
8	GND	24	10000	003108015161
9	SHIELD	26		

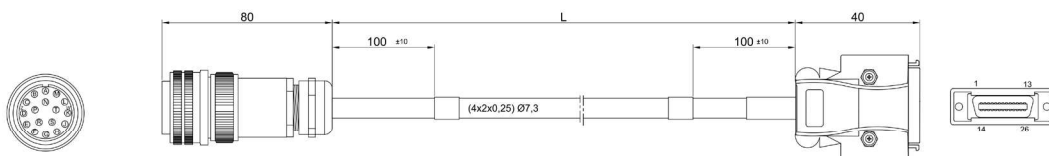
Signal wired cable for FLEXI-PRO with 20 bit absolute encoder



SIGNAL CABLES for models TC-E 100 - 130 - 180 feedback A1 absolute multiturn encoder for C3 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
A	8 VDC	18	Length (mm)	Order code
B	SIN +	9	3000	003108015213
C	SIN -	22	5000	003108015214
D	COS +	10	10000	003108015212
E	COS -	23		
F	GND	24		
G	DATA +	1		
H	DATA -	14		
J	SHIELD	26		

Signal wired cable for FLEXI-PRO with absolute multiturn encoder



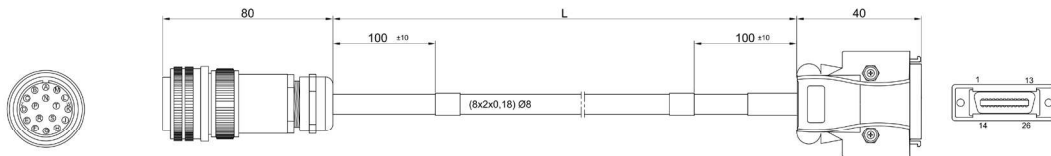
CABLES SPECIFICATIONS

Dynamic laying cable E83517 cULus AWM STYLE 20233 and E83517 – cRUus AWM STYLE 20549 certified

SIGNAL CABLES for models TC-E 100 - 130 - 180 feedback E1 incremental encoder for C3 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
A	A	1	Length (mm)	Order code
B	A/	14	3000	003108015222
C	B	2	5000	003108015223
D	B/	15	10000	003108015221
E	Z	3		
F	Z/	16		
G	HU	4		
H	HU/	NC		
J	HV	17		
K	HV/	NC		
L	HW	5		
M	HW/	NC		
N	5 VDC	11		
P	GND	24		
Q	SHIELD	26		

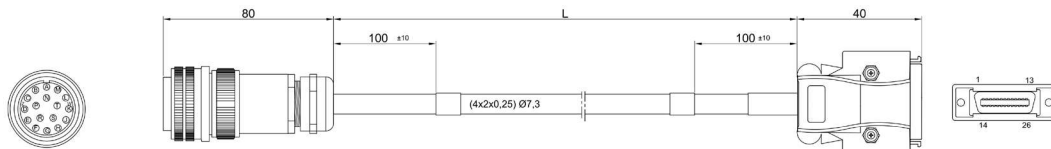
Signal wired cable for FLEXI-PRO with incremental encoder



SIGNAL CABLES for models TC-E 100 - 130 - 180 feedback A2 20 bit absolute encoder for C3 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
A	DATA +	1	Length (mm)	Order code
B	DATA -	14	1500	003108015188
S	5 VDC	11	3000	003108015189
R	GND	24	5000	003108015190
L	SHIELD	26	10000	003108015227

Signal wired cable for FLEXI-PRO with 20 bit absolute encoder



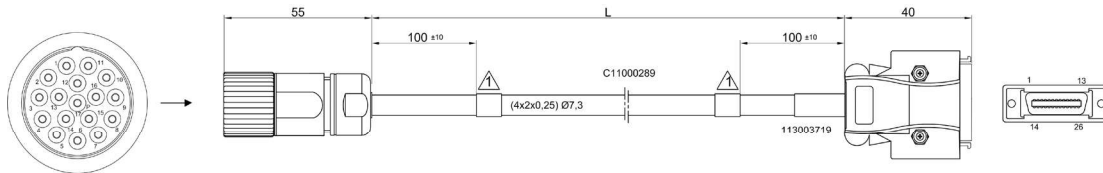
CABLES SPECIFICATIONS

Dynamic laying cable E83517 cULus AWM STYLE 20233 and E83517 – cRUus AWM STYLE 20549 certified

SIGNAL CABLES for models TC-E 60 - 80 - 100 - 130 - 180 feedback A1 absolute multiturn encoder for C2 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
4	8 VDC	18	Lenght (mm)	Order code
6	SIN +	9		
5	SIN -	22	3000	003108015216
12	COS +	10	5000	003108015217
11	COS -	23	10000	003108015215
3	GND	24		
8	DATA +	1		
7	DATA -	14		
10	SHIELD	26		

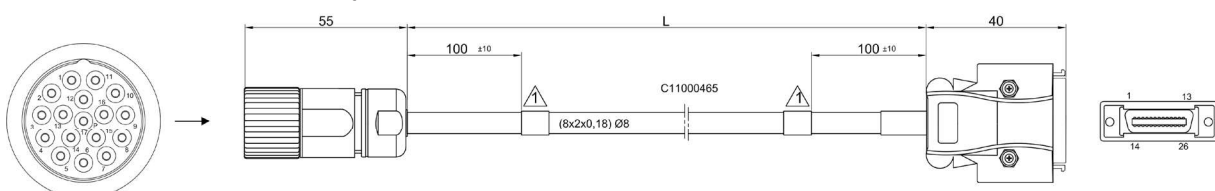
Signal wired cable for FLEXI-PRO with absolute multiturn encoder



SIGNAL CABLES for models TC-E 60 - 80 - 100 - 130 - 180 feedback E1 incremental encoder for C2 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
6	A	1	Lenght (mm)	Order code
5	A/	14		
12	B	2	3000	003108015225
11	B/	15	5000	003108015226
8	Z	3	10000	003108015224
7	Z/	16		
2	HU	4		
15	HU/	NC		
9	HV	17		
14	HV/	NC		
1	HW	5		
13	HW/	NC		
4	5 VDC	11		
3	GND	24		
10	SHIELD	26		

Signal wired cable for FLEXI-PRO with incremental encoder



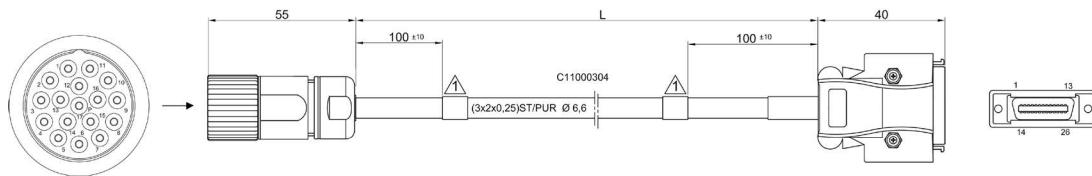
CABLES SPECIFICATIONS

Dynamic laying cable E83517 cULus AWM STYLE 20233 and E83517 – cRUus AWM STYLE 20549 certified

SIGNAL CABLES for models TC-E 60 - 80 - 100 - 130 - 180 feedback A2 20 bit absolute encoder for C2 connection

PIN motor side	FUNCTION	PIN drive side	For cable order	
6	DATA +	1	Lenght (mm)	Order code
5	DATA -	14	3000	003108015230
4	5 VDC	11	5000	003108015231
3	GND	24	10000	003108015229
10	SHIELD	26		

Signal wired cable for FLEXI-PRO with 20 bit absolute encoder





CONNECTOR SPECIFICATIONS

FLYING CONNECTORS for D0 connection

Power Connector for TC-E 40-60-80 Molex 4p	order code 007117000088
Power Connector for TC-E 40-60-80 with brake Molex 6p	order code 007117000086
Signal Connector for TC-E 40-60-80 Amp 9p	order code 007117000084

FLYING CONNECTORS FOR C2 connection

Power connector pin included BSTA108NN00580236000 + 4 PIN 60.003.11 FM/2mm CRIMP.0,35-2,5 SPRING + 4 PIN 60.001.11 FM/1mm CRIMP.0,14-1 SPRING	order code 007117000472	
Signal connector pin included ASTA014NN00410235000 17p/FM + 17 PIN 60.011.11 FM/1mm CRIMP.0,14-1	order code 007117000462	

FLYING CONNECTORS for C3 connection

Signal Connector for TC-E 100, 130, 180 97-3106AMI20- 29S(417)(946)(M16)(A99) cable gland included	order code 005117001770
Power Connector for TC-E 100 and 130 DL31.06A.20-15S (PG16) cable gland not included	power connector order code 005117001766 cable gland order code 005603000170
Power Connector for TC-E 180 DLC31.06A.24-10S (PG21) cable gland not included	order code 005117001768 cable gland order code 005603000300