

ROTACOD

Electrical connections absolute encoders

ABSOLUTE SINGLE TURN ENCODER CONNECTIONS

1	2	3	G/B	BCD
A	1	brown	1LSB	1
B	2	red	2	2
C	3	pink	3	4
D	4	yellow	4	8
E	5	green	5	10
F	6	blue	6	20
G	7	violet	7	40
H	8	grey	8	80
J	9	white	9	100
K	10	black	10	200
L	11	white/green	11	400
M	12	brown/green	12	800
N			13	1000
P			zero setting*	
R			latch*	
S		red/blue	tri-state*	
U	13	grey/pink	complementary	
V	14	white/yellow	+10Vdc +30Vdc	
T	15	yellow/brown	0Vdc	

*on request

1 = E19MLS 19 pin MIL connector
2 = EDA 15S 15 pin DSUB connector
3 = cable LIYCY 16 x 0.14 mm²

ABSOLUTE MULTI TURN ENCODER CONNECTIONS

1	2	3	G/B
A	1	brown	1LSB
B	2	red	2
C	3	pink	3
D	4	yellow	4
E	5	green	5
F	6	blue	6
G	7	violet	7
H	8	grey	8
J	9	white	9
K	10	black	10
L	11	brown/red	11
M	12	white/red	12
N	13	blue/red	13
P	14	pink/grey	14
R	15	white/yellow	15
S	16	brown/green	16
T	17	white/green	17
U	18	yellow/brown	18
V	19	white/blue	19
W	20	brown/blue	20
X		white/pink	21
Y		white/grey	22
Z		pink/brown	23
a		grey/brown	24
b		brown/black	25
c		white/black	parity bit *
d		grey/green	zero setting *
e	21	yellow/grey	latch *
f	22	pink/green	tri-state *
g	23	yellow/pink	complementary
h	24	green/blue	+10Vdc +30Vdc
i	25	yellow/blue	0Vdc GND

*on request

1 = E32MLS 32 pin MIL connector
2 = EDB 25S 25 pin DSUB connector
3 = cable LIYCY 32 x 0.14 mm²

SSI SERIAL CONNECTIONS

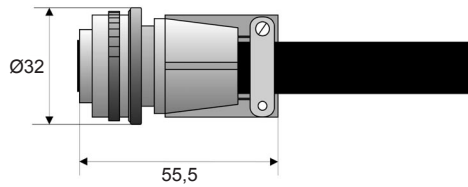
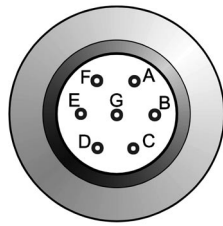
1	2	funzione/function
A	white	clock in +
B	brown	clock in -
C	green	data out +
D	yellow	data out -
E	blue	complementary
F	black	0 Vdc GND
G	red	+10Vdc +30Vdc

1 = E7MLS 7 pin MIL mating connector
2 = cable LIKA 3x2x0,25 mm² + 2x1x0,5 mm²

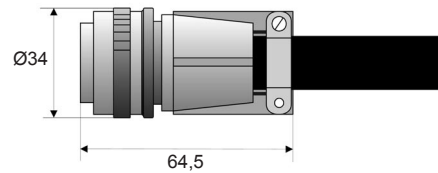
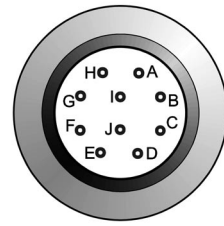
SSI SERIAL CONNECTIONS

1	2	funzione/function
A	white	clock in +
B	brown	clock in -
C	green	data +
D	yellow	data -
E		
F	blue	complementary
G		
H	pink	zero setting
I	black	0 Vdc GND
J	red	+10 Vdc +30 Vdc

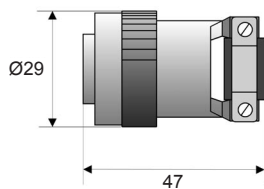
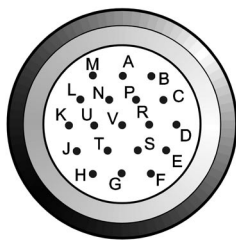
1 = E10MLS 10 pin MIL mating connector
2 = cable LIKA 3x2x0,25 mm² + 2x1x0,5 mm²



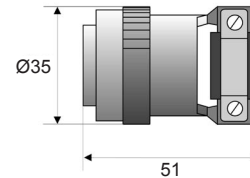
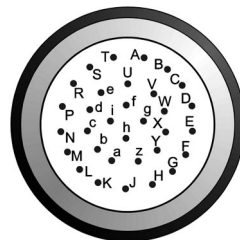
7 pin MIL mating connector
Ordering code: **E7MLS**



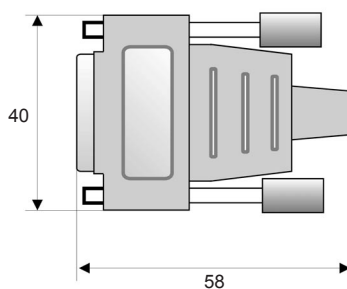
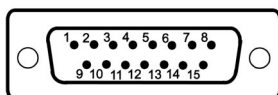
10 pin MIL mating connector
Ordering code: **E10MLS**



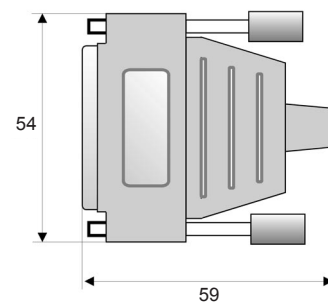
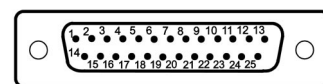
19 pin MIL mating connector
Ordering code: **E19MLS**



32 pin MIL mating connector
Ordering code: **E32MLS**



15 pin DSub mating connector
Ordering code: **EDA15S**



25 pin DSub mating connector
Ordering code: **EDB25S**