

eCO 58 A AM

Assoluto multigiro SSI / Absolute multi turn SSI



- Uscita: SSI 25 bit, Gray o Binario
- Output: SSI 25 bit, Gray o Binary
- Alimentazione: da 5 a 28 V DC
- Power supply: from 5 to 28 V DC
- Albero in Acciaio INOX
- INOX shaft
- Custodia in Metallo
- Metal case

- Risoluzioni standard fino a 8192 ppr
- Standard resolution up to 8192 ppr
- Frequenza operativa fino a 1 MHz
- Max frequency up to 1 MHz
- Velocità di rotazione fino a 6000 rpm
- Maximum Speed up to 6000 rpm
- Grado di protezione fino a IP66
- Enclosure rating up to IP66
- Uscita cavo o connettore
- Output cable or connector



* SU RICHIESTA

Elettronica / Electronic interface

Alimentazione Power supply	5..28 V DC
Assorbimento Energy consumption	100 mA
Elettronica uscita Output interface	RS422 SSI
Frequenza operativa Max Frequency	100KHz .. 1MHz
Direzione conteggio Counter direction	Decremento in senso orario Decreasing clockwise
Tempo monostabile Monostable pause	18 µ S
Tempo di pausa SSI Monostable pause	> 35 µ S
Numero di giri Number of revolution	Da / From 2 a / Up to 16384 ppr
Risoluzione Standard Resolution	Da / From 2 a / Up to 8192 ppr
Compatibilità EMC EMC compatibility	IEC 61000-6-2, IEC 61000-6-4

Connessioni / Connection

Descrizione / Description	Cavo / Cable	Pin "H12"
+V DC	Red	8
0 V	Black	1
U / D	Red-blue	5
Data +	Green	2
Data -	Brown	10
Clock +	Yellow	3
Clock -	Orange	11

Numero giri / Number of revolution

2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 - 512 - 1024 - 2048 - 4096 - 8192 - 16384

Impulsi giro / Pulse of revolution

2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 - 512 - 1024 - 2048 - 4096 - 8192

Meccanica / Mechanical

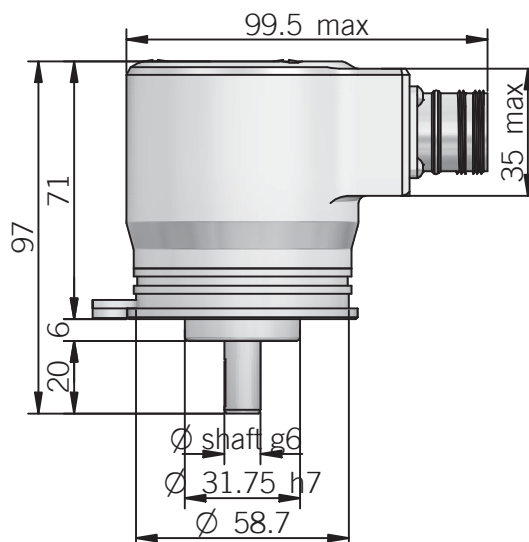
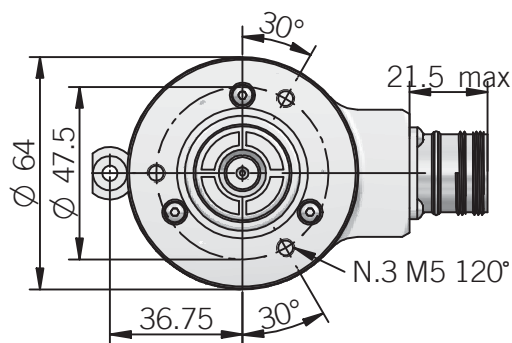
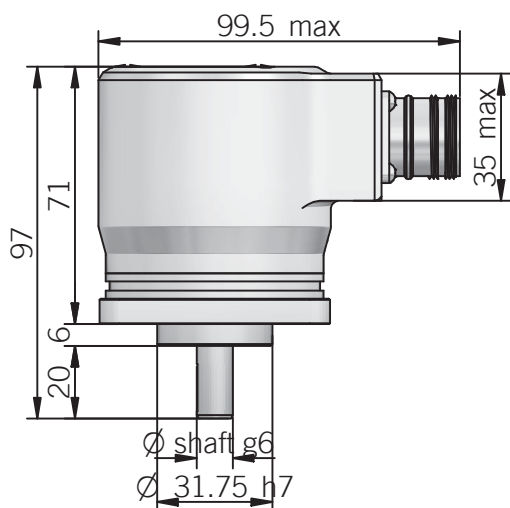
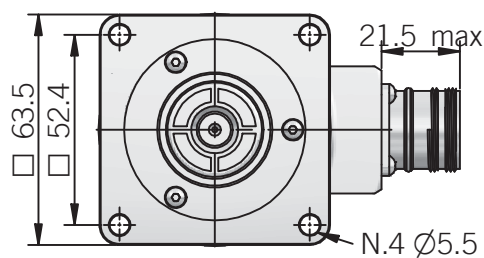
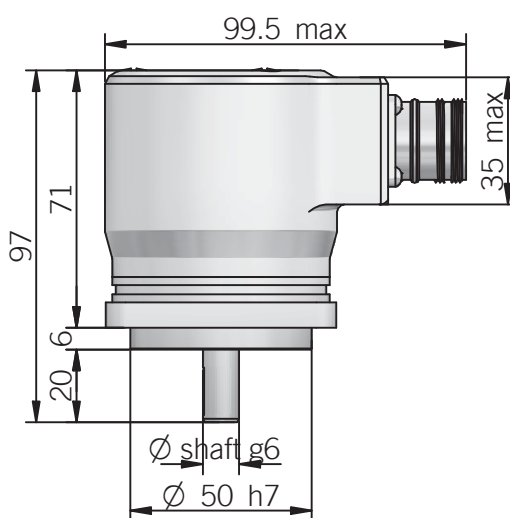
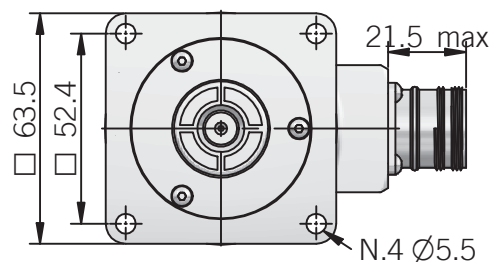
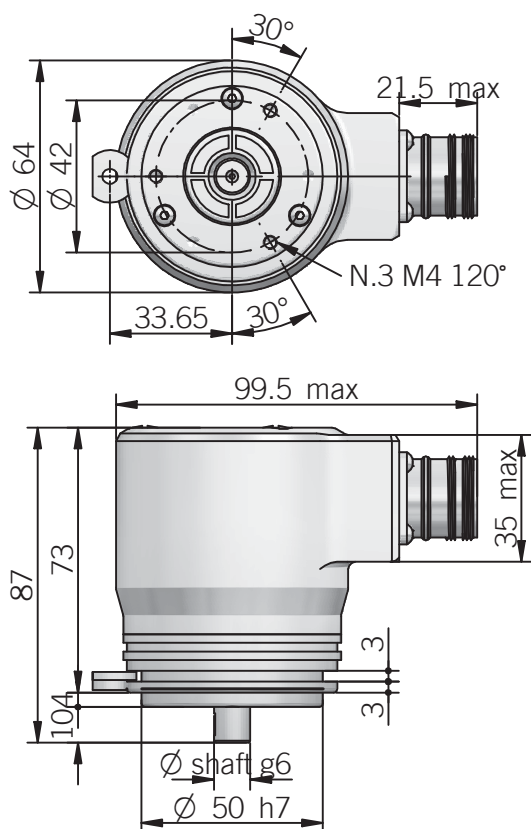
Diametro albero Shaft diameter	Shaft ø: 6 / 8 / 9,52 (3/8) / 10 / 11 mm Hole ø: 8 / 9 / 10 / 12 / 14 / 15 mm
Grado di protezione Enclosure rating	IP54 (IEC 60529) / IP66 (IEC 60529)
Velocità massima Maximum Speed	3000 / 6000 rpm
Carico massimo Max load on the shaft	10 N Axial, 20 N Radial (with ø 6 shaft) 100 N
Shock	50 G, 11 ms (IEC 60068-2-27)
Vibrazioni Vibration	10 G, 10..2000 Hz (IEC 60068-2-6)
Corpo Body materials	Alluminio / Aluminum EN-AW 2011
Albero Shaft materials	Acciaio INOX / Stainless steel 1.4305 / AISI 303
Custodia Case materials	Alluminio / Aluminum EN-AW 2011
Cuscinetti Bearings	2 Cuscinetti a sfera 2 ball bearings
Durata cuscinetti Bearings life	10^9 Rivoluzioni 10^9 Revolutions
Temp. Operativa Work temperature	Da 0° C a +60° C
Temp. Stoccaggio Store temperature	Da -15° C a +70° C
Peso / Weight	350 / 750 g

eCO 58 A AM

Assoluto multigiro SSI / Absolute multi turn SSI



Disegni tecnici / Technical drawing

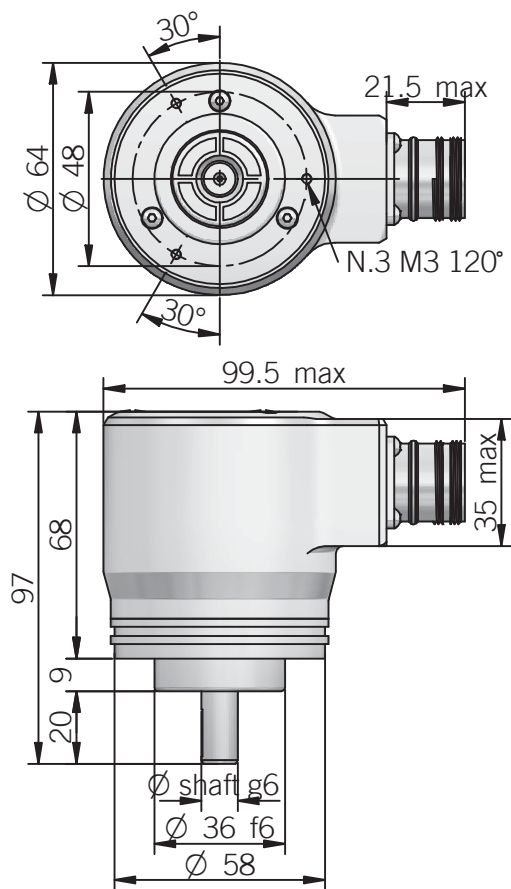
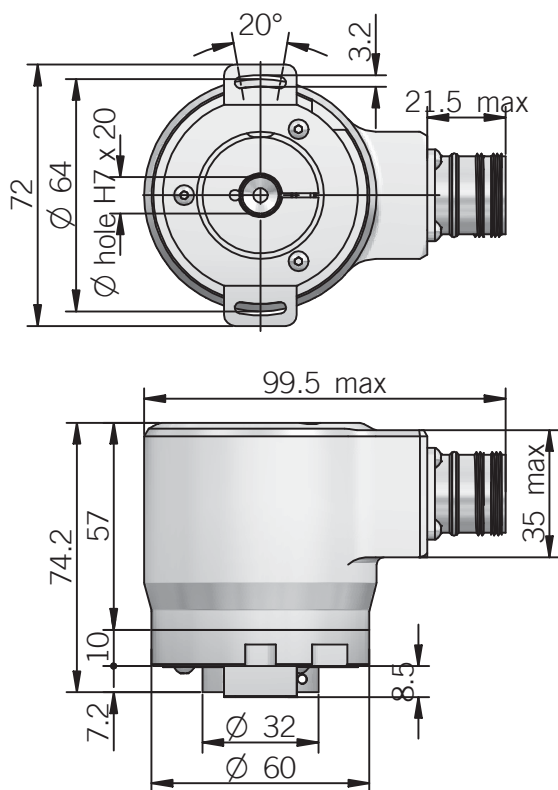


eCO 58 A AM

Assoluto multigiro SSI / Absolute multi turn SSI



Disegni tecnici / Technical drawing



Encoder Assoluti
Absolute Encoder

eCO 58 A AM

Assoluto multigiro SSI / Absolute multi turn SSI



Codice di ordinazione / Ordering code

eCO	58	A	AM	G	S	5	XXXX/XXXX	S	P12 015	L	6	A	-	0000
-----	----	---	----	---	---	---	-----------	---	---------	---	---	---	---	------

Special
Product
code

A - Sincro flange diam. 31,75mm
B - Sincro flange diam. 40 mm
C - RE0444 flange
D - Sincro Flange diam. 50mm
E - Fixing flange diam. 36mm
F - Centering square flange
31,75mm
G - Centering square flange 50mm
H - Blind hollow shaft with spring
I - Blind hollow shaft with anti
rotation pin

6 - shaft diameter 6mm
8 - Shaft diameter 8 mm
9 - Shaft diameter 9,52 mm (3/8)
10 - Shaft diameter 10 mm
11 - Shaft diameter 11 mm

8 - Through hollow shaft 8 mm
9 - Through hollow shaft 9,52 mm (3/8)
10 - Through hollow shaft 10 mm
12 - Through hollow shaft 12 mm
14 - Through hollow shaft 14 mm
15 - Through hollow shaft 15 mm

L - Radial output
A - Axial output

P12 015 - Standard 12 PIN cable L 1,5 mt
H12 - Connector 12 pin

S - Standard enclosure rating IP54
P - Enclosure rating IP66

XXXX/XXXX - Number of revolution/Pulse of revolution

5 - 5 VDC
8/28 - 8/28 VDC

S - SSI 25 bit
0 - Special output electronic interface

G - Gray code
B - Binary code
BC - Binary compensated
GC - Gray code compensated

AM - Absolute Multiturn

A - Metal House