

SS-SSM



Encoder assoluto SSI con uscite sin cos fino a 33 bit .
Singolo giro e multi giro INOX
*Absolute Encoder SSI and sin-cos ø58mm up to 33Bits
with Reset single turn and multiturn INOX*

Dati Meccanici / Mechanics data

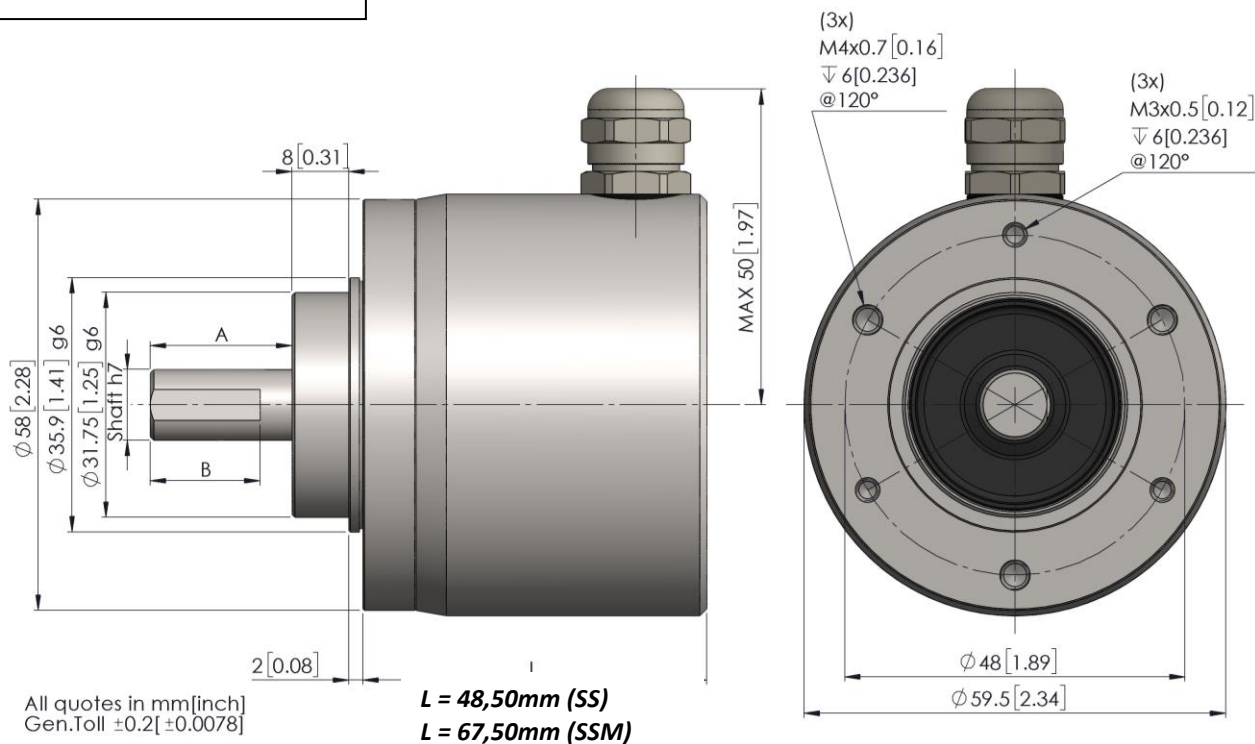
Custodia / Cover: Acciaio INOX 316L / Stainless steel 316L
Flangia/ Body: Acciaio INOX 316L / Stainless steel 316L
Albero/ Shaft: Acciaio INOX 304 / Stainless steel 304
Cuscinetti/ Bearings: 2 a sfere / 2 ballraces
Peso/ Weight: 500gr.
Classe protezione/ IP protection: IP65
Giri/min - RPM: 6000 Max
Coppia / Torque: 5Ncm
Momento inerzia / Inertia: 100gcm²
Carico sull'albero/ Shaft Load: Axi. 50N - Rad 50N



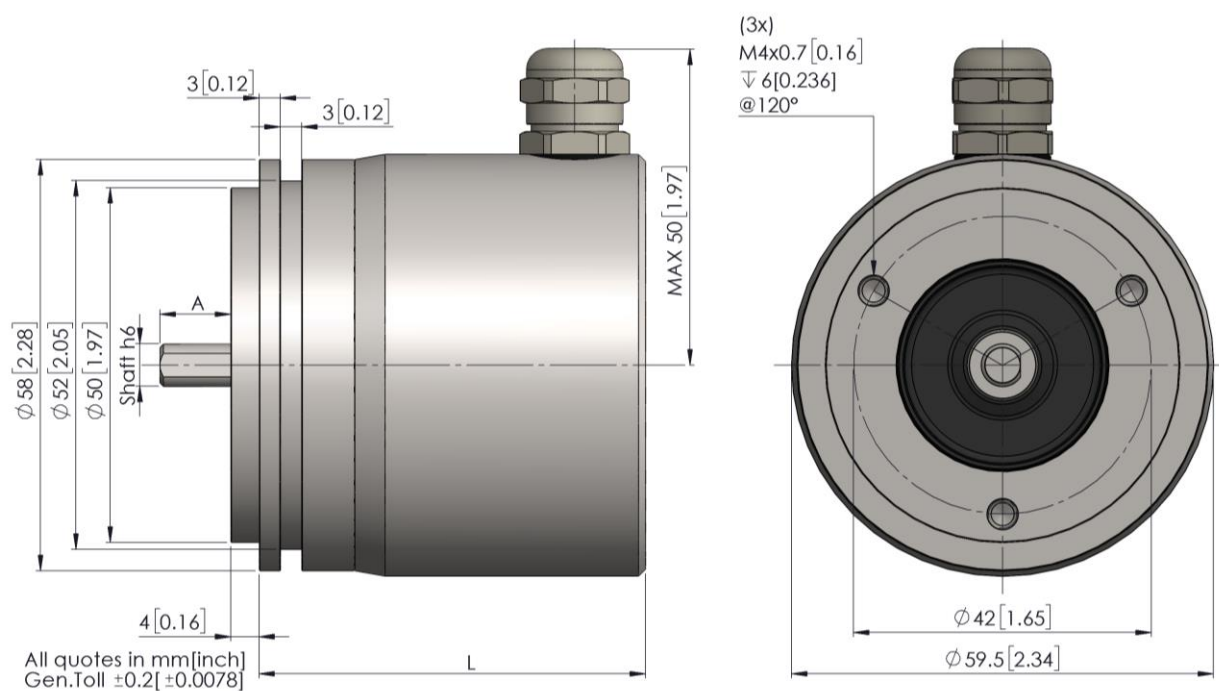
Flange 1

Alberi / Shaft

Ø	A	B
6.00mm	10.00mm	9.00mm
10.00mm	20.00mm	15.00mm



Flange 3



$L = 54,50mm (SS)$
 $L = 73,50mm (SSM)$

SS-SSM

Dati Elettronici / Electronics Data

Risoluzione / Resolution: ST: Single turn max 17 Bit
MT: Multiturn 33 bit (17 Bit ST - 16bit MT)

Alimentazione / Power Supply: 10-28V +/- 5%

Assorbimento / Current Cons. 160mA

Interfaccia / Interface SSI

Monoflop 20usec

Uscita Dati / Output Data: RS422

Codice / Type of Code: Gray / Binary

Temperatura di lavoro / Operating temperature: Standard -20 / +70°C
(-40°+100° a richiesta / on request)

Esempio d'ordine/ Ordering code

***	*	*	*	*	*	.00K	/	** / **
Serie Series	Albero Shaft	Flangia Flanges	Uscite Output	Connessioni Connections	Opzioni Options	.00K INOX VERSION		BIT / BIT
SS = Singleturn SSM = Multiturn	3 = ø 6mm 1 = ø 10mm	1 = Vedi pag 3 = preced. See prev page	3 = SSI Gray 4 = SSI Binary 5 = SSI Gray + SinCos 2048 1Vpp	Cavo / Cable 9 = Cable Axi 3 = Cable Rad M23 12p 1 = 9416 Axi CW 2 = 9416 Rad CW 4 = 9416 Axi CCW 5 = 9416 Rad CCW	0= None 5 = 5 Volt K= Connection K W = Preset on connector or cable			Single Turn 12 13 14 15 16 17 Multi Turn 12 16

INOX Version : Output cable with plastic PG - Output M23 12P Zinc die-cast, nickel-plated

Cable Standard	9416 12P Standard connection	9416 12P Connection K		
Beige / Beige	1	12	0V	0V
Giallo / Yellow	2	3	DATA+	Output Data +
Blu/ Blue	3	1	CLOCK+	Input Clock +
Verde / Green	4	5	A	Channel A (SinCos version)
Nero / Black	5	8	UP/DOWN	Counting direction
Rosa / Pink	6	6	B	Channel B (SinCos version)
Verde/Giallo · Green/Yellow	7	7	A-	Channel A- (SinCos version)
Marrone / Brown	8	11	+VCC	+Vcc
Viola / Violet	9	10	B-	Channel B- (SinCos version)
Bianco/Giallo · White/Yellow	10	4	DATA-	Output Data -
Bianco/Blu · White/Blue	11	2	CLOCK-	Input Clock -
Arancione · Orange	12	nc	GND OUT	Internally connected with Pin 1 (without option W)
			PRESET	With option W
Canali A, A/, B, B/ presenti solo con uscite 5 Channel A, /A, B, /B , present only with output 5				

	Open or Vcc	GND
UP/DOWN	UP (CW)	DOWN (CCW)
	Open or Vcc	GND (50msec)
PRESET	Per azzerare l'encoder collegare a GND per Min 2 sec / To Preset encoder in position 0 connect to GND min 2sec	

Nota: Tutte le immagini sono puramente indicative e non possono essere considerate vincolanti ai fini della fornitura
All images are indicative and can not be considered binding the purpose of supplying