

SS-SSM



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

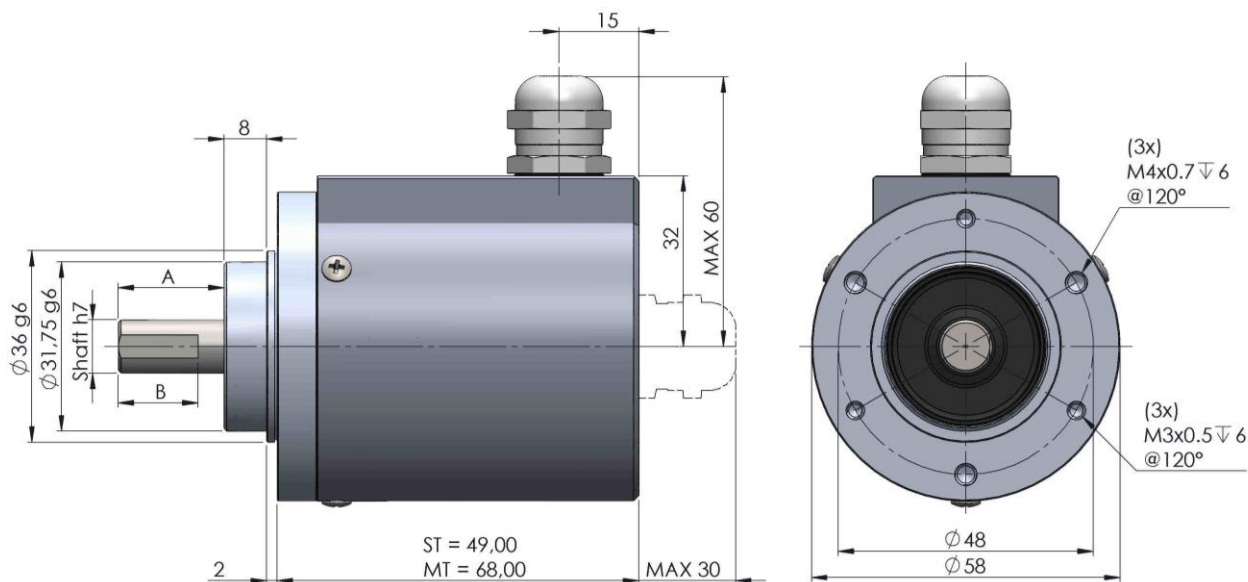
Dati Meccanici / Mechanics data

Custodia / Cover: Alluminio naturale / Aluminium
Flangia/ Body: Alluminio naturale/ Aluminium
Albero/ Shaft: Acciaio INOX / Stainless steel
Cuscinetti/ Bearings: 2 a sfere /2 ballraces
Peso/ Weight: 400gr.
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



x1 : Clamping Flange

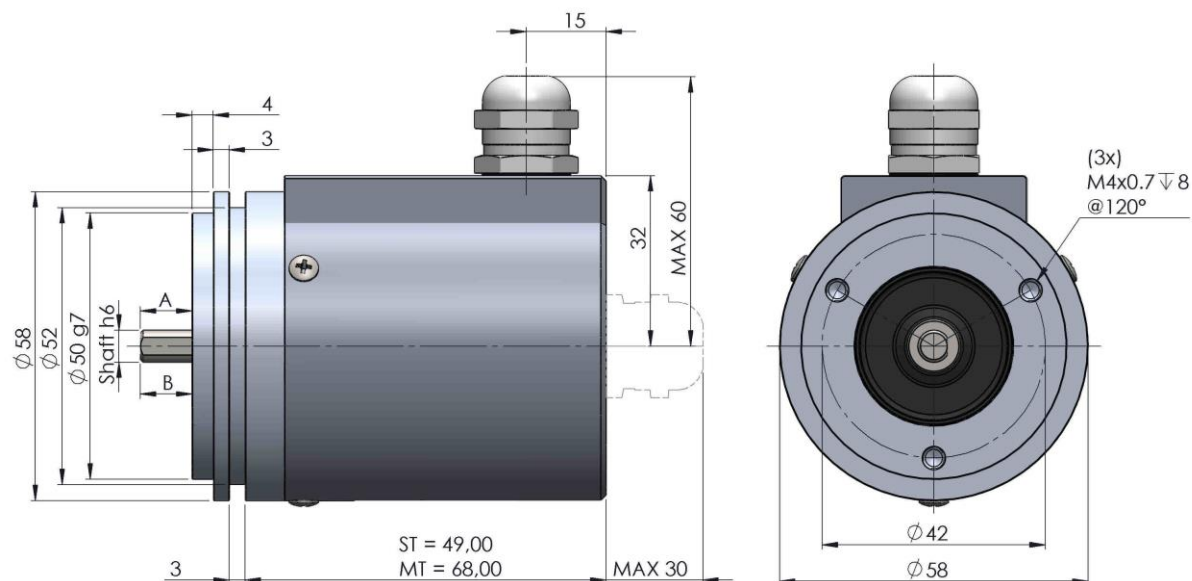
Shaft ø10mm ; A= 20mm ; B = 15mm
Shaft ø6mm ; A = 10mm ; B = 9mm



All quotes in mm
Gen.Toll ±0,2

x3 : Synchro Flange

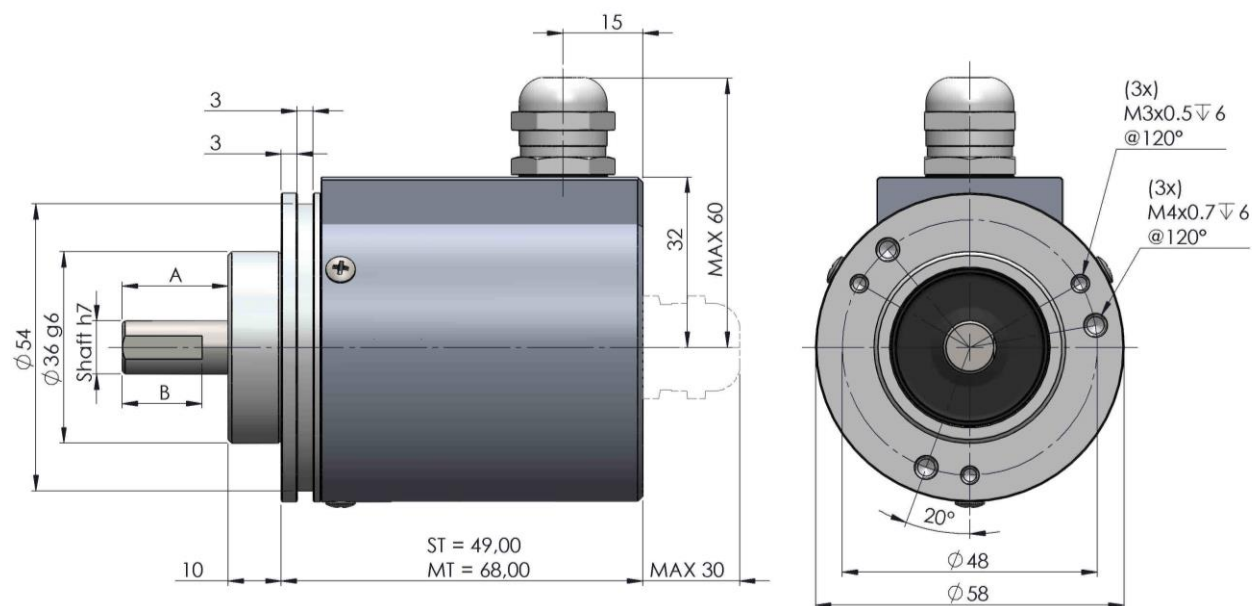
Shaft $\varnothing 6\text{mm}$; A= 10mm ; B = 9mm
Shaft $\varnothing 10\text{mm}$; A= 20mm ; B = 15mm



All quotes in mm
Gen.Toll $\pm 0,2$

xH : Clamping Type H

Shaft $\varnothing 10\text{mm}$; A= 20mm ; B = 15mm
Shaft $\varnothing 6\text{mm}$; A = 10mm ; B = 9mm



All quotes in mm
Gen.Toll $\pm 0,2$

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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

***	*	*	*	*	*	/	** / **
Serie Series	Albero Shaft	Flangia Flanges	Uscite Output	Connessioni Connections	Opzioni Options		BIT / BIT
SS = Singleturn SSM = Multiturn	3 = ø 6mm L = 10 1 = ø 10mm L = 20	1 = Vedi pag 3 = preced. H = 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 M12 8p S=94M12 Axi T=94M12 Rad	0= None 5 = 5 Volt K= Connection K Z = Preset (push button on cover) W = Preset on connector or cable		Single Turn 12 13 14 15 16 17 Multi Turn 12 16

Cable Standard	9416 12P Standard connection	9416 12P Connection K	94M12 8p		
Beige / Beige	1	12	1	0V	0V
Giallo / Yellow	2	3	3	DATA+	Output Data +
Blu/ Blue	3	1	5	CLOCK+	Input Clock +
Verde / Green	4	5		A	Channel A (SinCos version)
Nero / Black	5	8	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	2	+VCC	+Vcc
Viola / Violet	9	10		B-	Channel B- (SinCos version)
Bianco/Giallo · White/Yellow	10	4	4	DATA-	Output Data -
Bianco/Blu · White/Blue	11	2	6	CLOCK-	Input Clock -
Arancione · Orange	12	nc		GND OUT	Internally connected with Pin 1 (without option W)
				PRESET	With option W
			7	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 2sec / To Preset encoder in position 0 connect to GND min 2sec	