

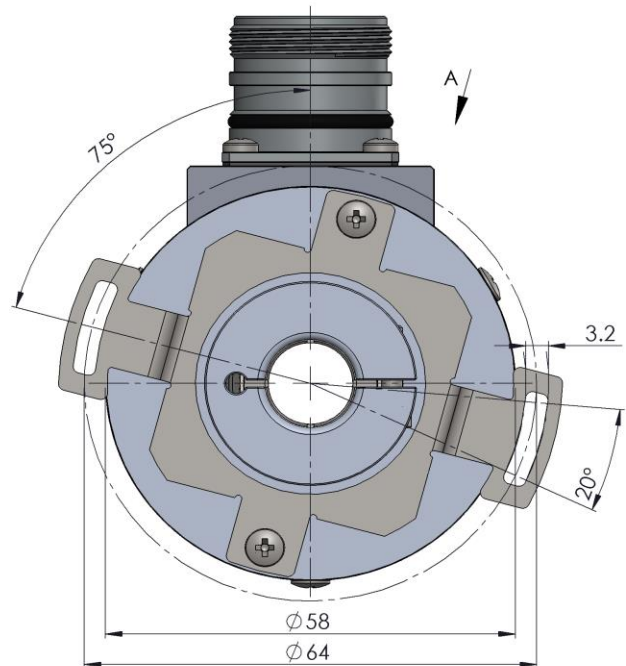
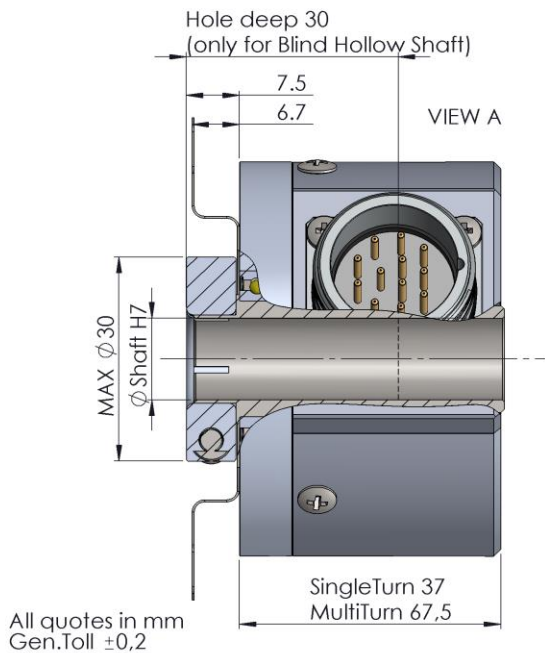
SAS-SAM



Encoder assoluto SSI con uscite sin cos fino a 33 bit .
Singolo giro e multi giro albero passante e semicavo
Absolute Encoder SSI with sin-cos output $\varnothing 58\text{mm}$ up to 33Bits single turn and multiturn hollow and blind hollow shaft

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: IP64
Giri/min - RPM: 6000 Max
Coppia / Torque: < 0.5Ncm
Momento inerzia / Inertia: 20gcm²
Carico sull'albero/ Shaft Load: Axi. 50N - Rad 50N)



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

SAS-SAM

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. Max 160mA

Interfaccia / Interface SSI

Monoflop 20usec

Uscita Dati / Output Data: RS422

Codice / Type of Code: Binary / Gray

Temperatura di lavoro / Operating temperature: Standard -20 / +80°C

Esempio d'ordine / Ordering code

***	**	*	*	*	*	/	** / **	
Serie Series	Albero Shaft	Flangia Flanges	Uscite Output	Conessioni Connections	Opzioni Options		BIT / BIT	
Albero Semicavo / Blind Hollow shaft							Single Turn	Multi Turn
SAS = Single Turn SAM = Multi Turn	A = Ø 8mm B = Ø 10mm C = Ø 12mm D = Ø 14mm E = Ø 15mm	8	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 on 9416 Z = Preset (push button on cover) W = Preset on connector		12 13 14 15 16 17	12 16

Albero Passante / Hollow shaft							Single Turn
SAS = Single Turn	F = Ø 8mm G = Ø 10mm H = Ø 12mm L = Ø 14mm M = Ø 15mm	8	3 = SSI Gray 4 = SSI Binary 5 = SSI Gray + SinCos 2048 1Vpp	Cavo / Cable 3=Cable Rad M23 12p 2=9416 Rad CW 5=9416 Rad CCW M12 8p T=94M12 Rad	0= None 5 = 5 Volt K= Connection K on 9416 Z = Preset (push button on cover) W = Preset on connector		12 13 14 15 16 17

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	(default: CW increase, to invert connect this pin to 0V)
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 -
	12	nc	7	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**

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