

CMS

><PULSE

Programmabile MultiSystem, 8 uscite. Singolo e multigiro
Programmable MultiSystem, 8 outputs. Single turn and multi turn

Dati Meccanici / *Mechanics data*

Custodia / Cover: Alluminio / Aluminium
Flangia/ Body: Alluminio naturale / Aluminium
Albero/ Shaft: Acciaio INOX / Stainless steel
Cuscinetti/ Bearings: 2 a sfere / 2 ballraces
Peso/ Weight: 300gr.
Classe protezione/ IP protection: IP65 versioni ad albero / Shaft version *
Giri/min - RPM: 6000
Coppia / Torque: 5Ncm
Momento inerzia / Inertia: 100gcm²
Carico sull'albero/ Shaft Load: Axi. 100N - Rad 100N **



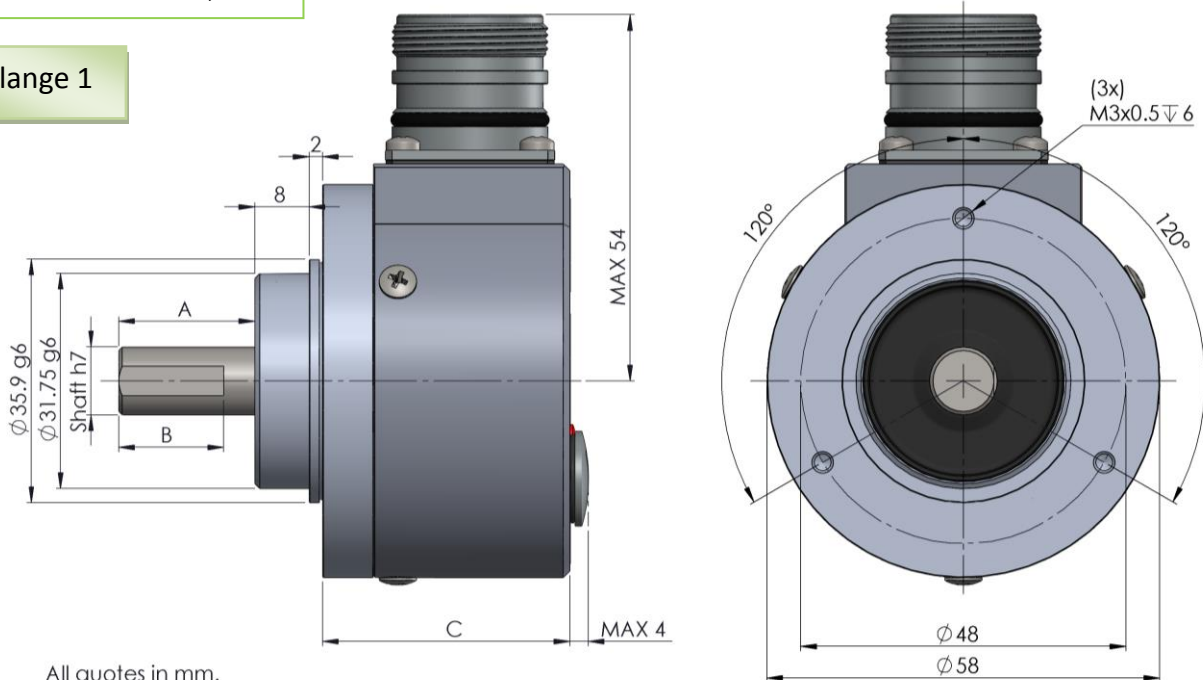
* Lato albero e versioni con uscita Cavo - Per versioni con connettore chiedere a Hohner A.)
Shaft side and cable output versions (for connector output please ask to Hohner A.)

** T = 20°C e max 3000rpm

Alberi / Shaft

Ø	A	B
6.00mm	10.00mm	9,00mm
8.00mm	20.00mm	15,00mm
9.52mm	20.00mm	15,00mm
10.00mm	20.00mm	15,00mm
12.00mm	25.00mm	15,00mm

Flange 1

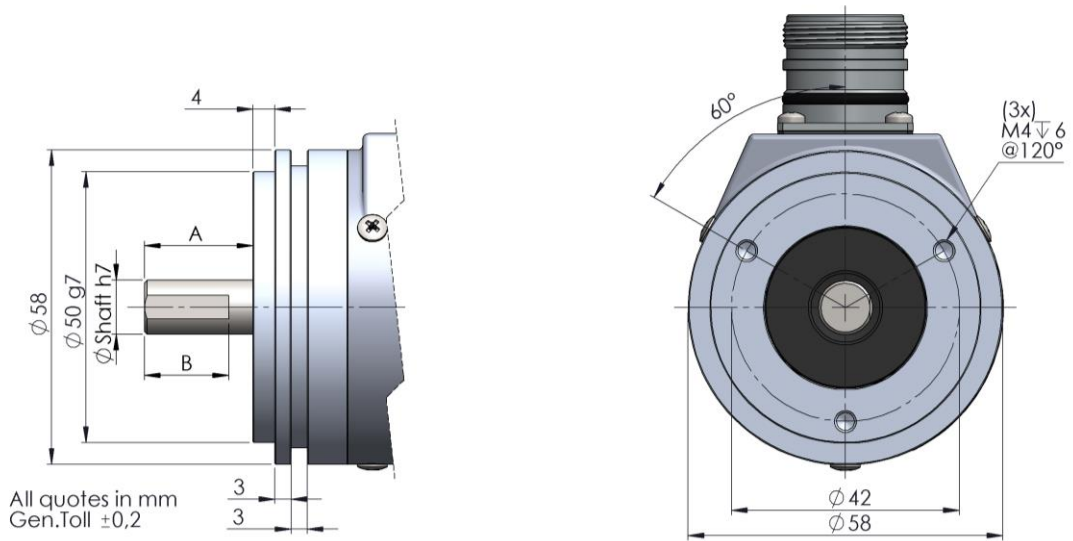


All quotes in mm.
Gen.Toll ±0,2

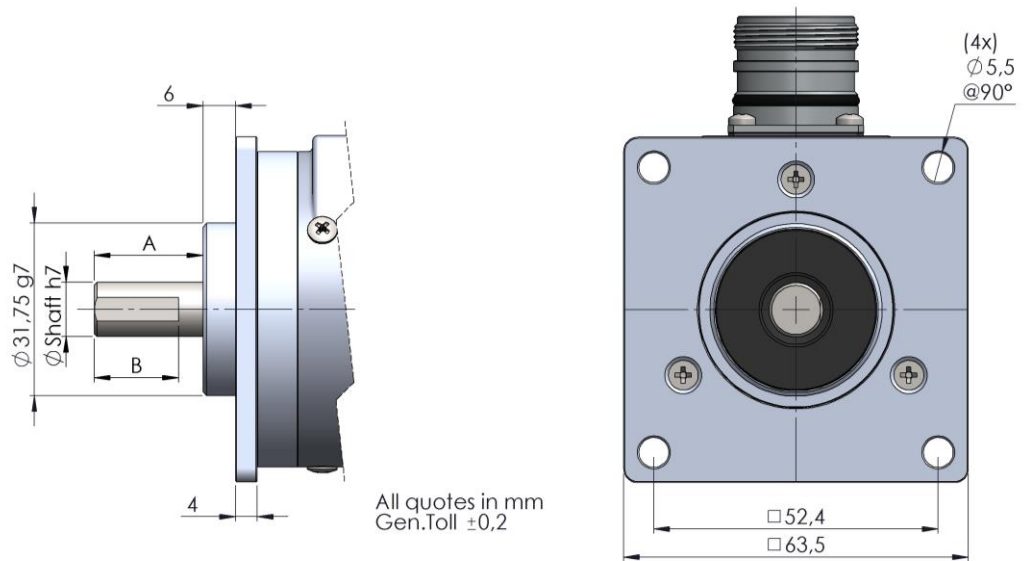
C = 38mm (single turn) ; 69mm (multiturn)

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

Flange 3

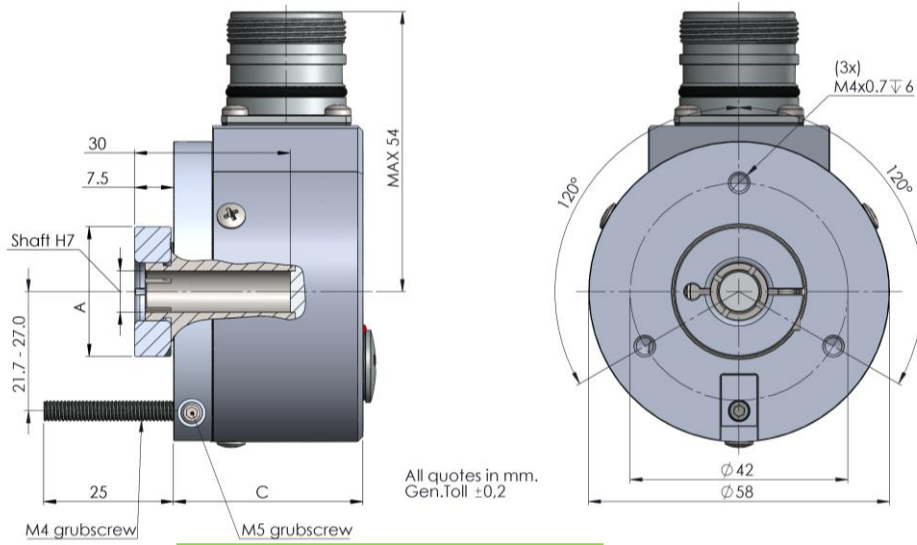


Flange 6



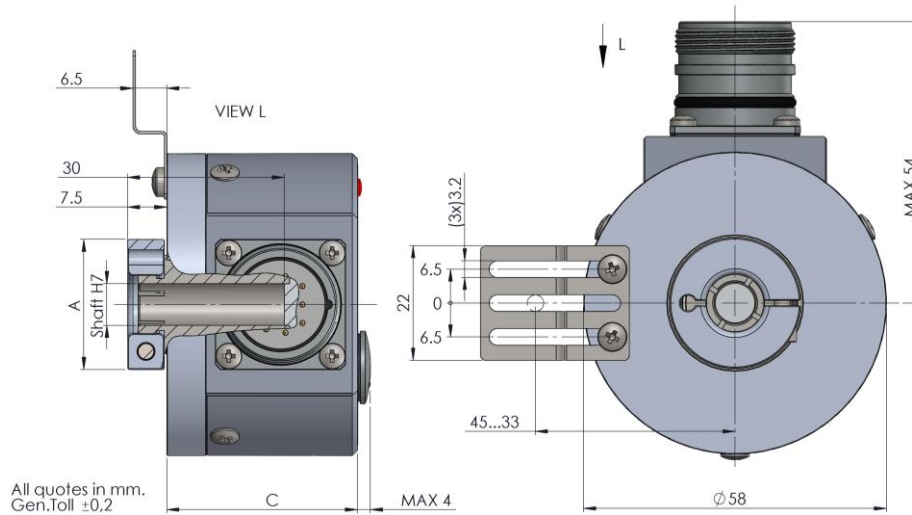
Albero Semicavo / Recessed Hollow shaft

Flange 1



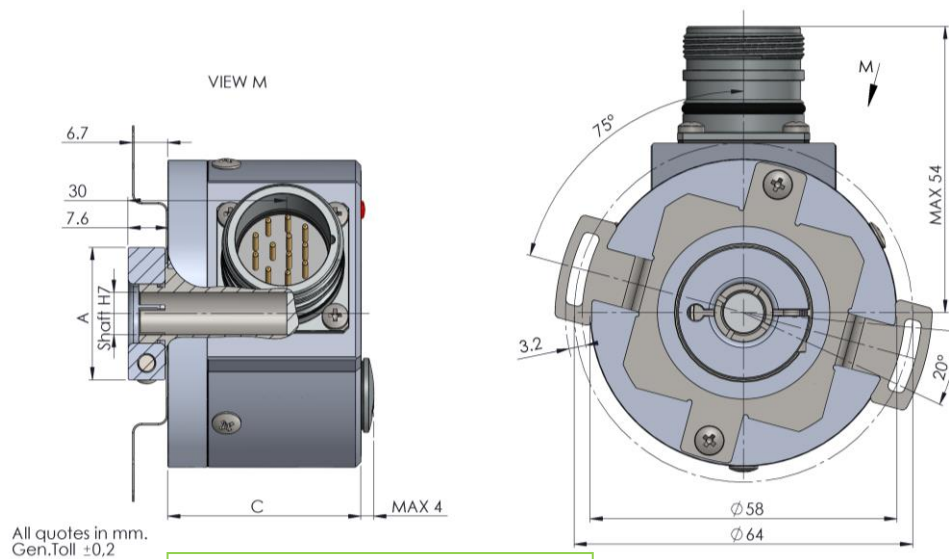
C = 38mm (single turn) ; 69mm (multiturn)

Flange 7



C = 38mm (single turn) ; 69mm (multiturn)

Flange 8



C = 38mm (single turn) ; 69mm (multiturn)

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

CMS X-PULSE

Dati Elettronici / Electronics Data

Alimentazione / Power Supply:	Single turn 5/28 Volt · Multi turn 11/28V
Assorbimento / Current consumption:	80mA
Carico ammesso / Load:	40mA
Protezioni / Protections:	Contro corto circuito, inversione di polarità <i>Against short circuit, reversal polarity</i>
Temp. di lavoro / Operating Temp:	-20/+70°C
Errore massimo/ Error limits:	0,044°
Programmazione / Programming:	Via USB
Risoluzione / Resolution:	13 bit
Posizione 0 / Zero position:	Led sul coperchio / <i>Led on cover</i>

Esempio d'ordine/ Ordering code

CMS	*	*	P	*	*	/	****
	Albero Shaft	Flangia Flanges	Uscita Universale Universal Output	Connessioni Connections	Livello Level		Numero Giri Number of turns
Albero Solido / Solid shaft							
	3 = Ø 6mm 6 = Ø 8mm 4 = Ø 9.52mm 1 = Ø 10mm 2 = Ø 12mm	1 3 6 Vedi Pag prec. <i>See previous page</i>	P = LineDriver / PushPull 5/28V (single turn) 11/28V (Multi turn) Livelli di uscita compatibili TTL <i>Outputs levels compatible TTL</i> · Low level output <0.5V · High level output > +VCC-1,9V	M23 12p 5 = 9416 Rad.	A= 8 channel Single Turn B= 8 channel Multi Turn		Single Turn 1 = 1 turn Multi Turn 2 = 2 turns 4 = 4 turns 8 = 8 turns 16 = 16 turns 32 = 32 turns
Albero Semicavo / Recessed Hollow shaft							
	A = Ø 8mm B = Ø 10mm C = Ø 12mm D = Ø 14mm E = Ø 15mm	1 7 8 Vedi Pag prec. <i>See previous page</i>	P = LineDriver / PushPull 5/28V (single turn) 11/28V (Multi turn) Livelli di uscita compatibili TTL <i>Outputs levels compatible TTL</i> · Low level output <0.5V · High level output > +VCC-1,9V	M23 12p 5 = 9416 Rad.	A= 8 channel Single Turn B= 8 channel Multi Turn		

Connessioni													
	0Volt	+Volt	A	B	C	D	E	F	G	H	U/D	PRE	
Connettore 9416 12p	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	

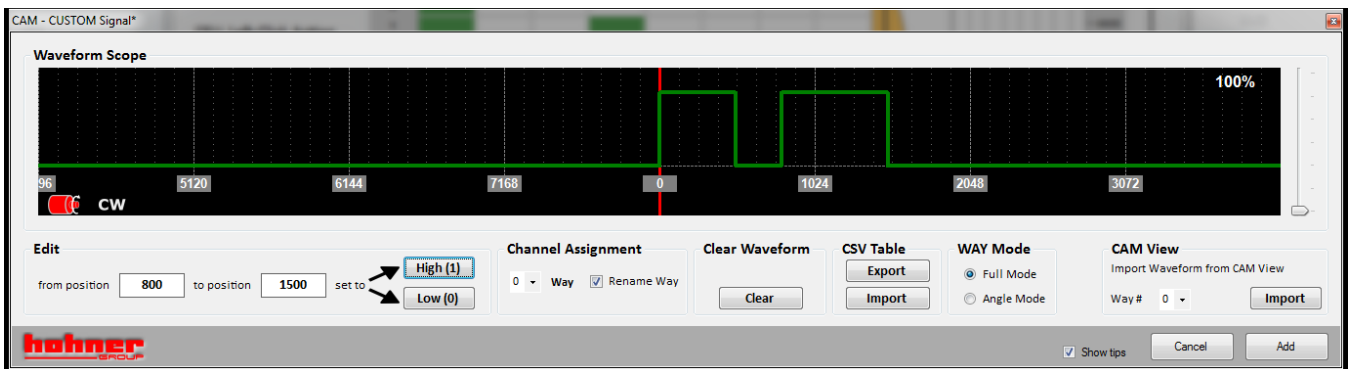
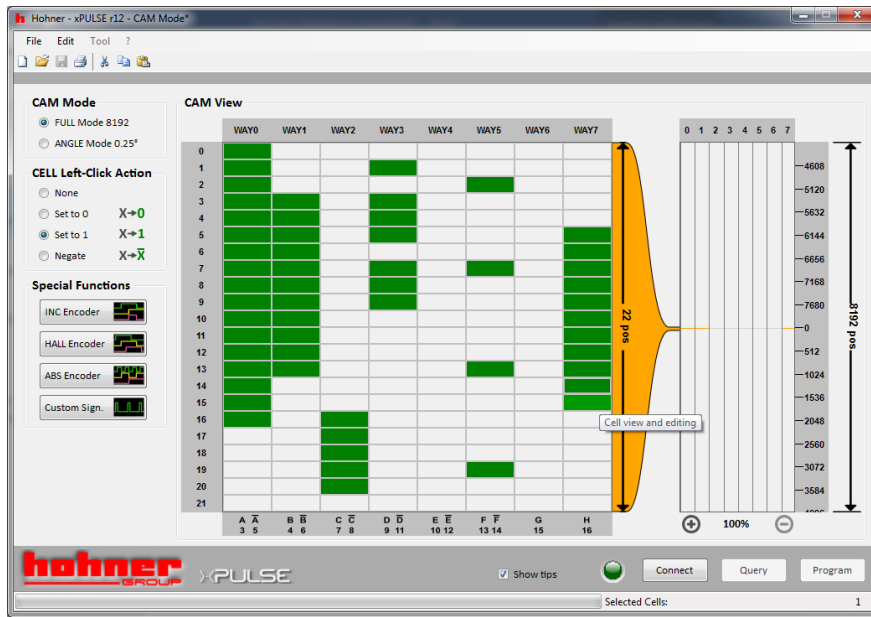
U/D = Input Up/Down

L'encoder incrementa normalmente in senso orario. Per avere l'incremento in senso antiorario collegare il piedino U/D <-> allo **0Volt**.
Clockwise standard. Anticlockwise connect DIR <-> to 0Volt

PRE: Input Preset

Per azzerare l'encoder collegare il pin Preset per 0,5 sec a 0V
To preset encoder in zero position connect pin PRE to 0V for 0.5sec

USB Interface



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