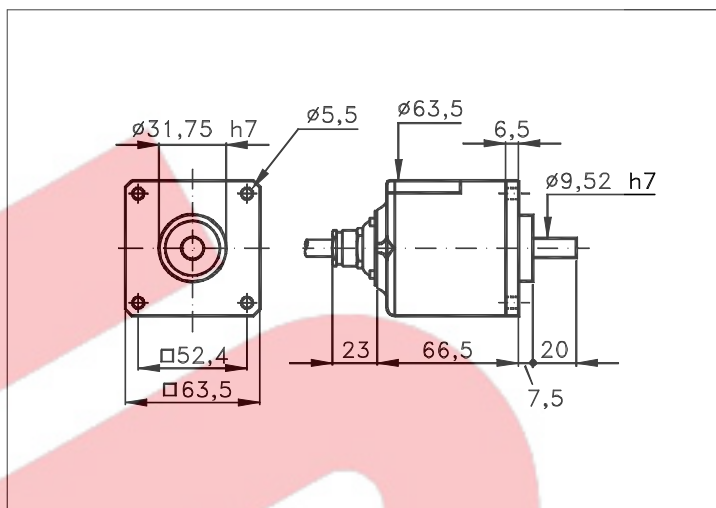


Sized draw standard version: CW

Measures without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- | | | |
|--|-----|---|
| - Base.....: ANODIZED ALUMINIUM | (*) | - Ball bearings life....: $1,5 \times 10^9$ revolutions |
| - Cover.....: VALOX 420 | (*) | - Impact resistance....: 50 G x 11ms |
| - Weight.....: 570 g | | - Vibration resistance.: 12 G (10 ÷ 2000 Hz) |
| - Shaft.....: Ø 9,52 STAINLESS STEEL | (*) | - Power supply.....: 5÷30V (see page 2) |
| - Max.rad/axial load.: 10 kg | | - Operating temperature: 0 ÷ 70 °C (*) |
| - IP output side.(°): see 'CONNECTION' of page 2 | | - Storage temperature...: -30 ÷ 85 °C |
| - IP shaft side.(°):> std. 65 sealed 66 low torq. 53 | | - N° of pulses/rev.....: 1 ÷ 25000 |
| - opt. type (page 2):> standard Z B | | - Max frequency.....: 100 kHz (300 option) |
| - Contin. max RPM(**):> 6000 3000 12000 | | - Max consumptions mA.: std 120 line driver 180 (*) |
| - Starting torque gcm> 18 30 8 | | - Light source.....: LED with >= 100000 h life |

(°) IP according to CEI EN 60529, EN 60529, IEC 529

(*) custom options

(**) intermittent max RPM + 30% of continuous max RPM

ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA
K	STANDARD NPN	10	N	DRIVER 26LS31	30	D	DISCRIMINAT.	70	Y	SINUSOID. 1Vpp	10
Q	NPN OPEN COLL	10	T	TTL 7404	10						
R	NPN OPEN COLL	70	C	DRIVER 88C30	20						
P	PNP	70	L	2x PUSH-P.PRO	70						
U	PNP OPEN COLL	70	M	2x PUSH-PULL	70						
B	PUSH-PULL PRO	70									
H	PUSH-PULL	70									

(§)

(§)

(§)

(§)

Tolerance between phases ± 25°, symmetry ± 15°

(§) Clock-wise output rotation (see shaft).

POSSIBLE OPTIONS				POSSIBLE CONNECTIONS										
CODE	DESCRIPTION		CODE	DESCRIPTION		CABLE						OUTPUT:		
L	Low temperature		C	Low consumption		CW						AX		
Y	Unbreakable disk		K	Invert. phase A,B,Zero.								RAD		
Z	Sealed ball bearing		J	Zero logic combination		CONNECTOR						OUTPUT:		
B	Low torque ball bear.		M	Impregnated electronic		CM	SM	CL	SL	CD	CH	CH5	CI	AX
H	Different shaft Ø		A	High temperature		CE			C4	CH6				RAD
			P	Compressed air attack		CABLE END CONNECTOR						OUTPUT:		
			Q	Oil seal		VM	TM	VL	TL	VD	VH	VH5	VI	AX
S	160 KHz frequency		G	Tropicalization		VE	VK	TK	VN	VH6	VM5	VM9	VS	RAD
W	300 KHz frequency		D	Double oring		VD5								
						TERMINAL BOX						OUTPUT:		
												AX		
X	Custom options					MS								
		ORDERING INFORMATION												

ORDERING INFORMATION

POSSIBLE SHAFT Ø	STANDARD NPN	CABLE	CONNECTOR	CABLE END CONNECTOR
()	(K) NPN OPEN COLL	IP65		IP65 encoder output
()	(Q) NPN			
()	(R) NPN OPEN COLL	() 1 m long	(CM) 7c norm. IP65	(VM) 7c normal
()	(P) PNP		(SM) 7c sealed IP66	(TM) 7c sealed
(n) Ø n upon requ.	(U) PNP OPEN COLL		(CL) 10c norm. IP65	(VL) 10c normal
()	(B) PUSH-PULL PRO		(SL) 10c sealed IP66	(TL) 10c sealed
()	(H) PUSH-PULL		(CD) 9c sub D IP63	(VD) 9c
()	(N) DRIVER 26LS31	TERMINAL BOX	(CH) 12c ccw IP67	(VH) 12c anticlock.
()	(T) TTL 7404	IP00	(CH5) 12c cw IP67	(VH5) 12c clock-wise
()	(C) DRIVER 88C30	(MS) Phoenix	(CI) 12c crimp. IP64	(VI) 12c crimped
()	(L) 2x PUSH-P.PRO		(CE) 5c miniat IP64	(VE) 5c
()	(M) 2x PUSH-PULL			(VK) 17c normal
()	(D) DISCRIMINAT.		(C4) 4c screw IP65	(TK) 17c sealed
()	(Y) SINUSOID.1Vpp		(CH6) 12c cw IP67	(VN) 12c
()	(X) CUSTOM OPTION			(VH6) 12c clock-wise
				(VM5) 26c
				(VM9) 16c
				(VS) 12c
				(VD5) 9c screened

OPTIONS MODEL	PULSES/REVOL. (1)	POWER SUPPLY	VERSION (2)	ELECTRONIC (2)	CONNECTION (3)	OUTPUT
63	500	5	BZ	N	CW	
(L)	1 ÷ 25000	(Vcc)	(M) Monodirectional			AX ()
(Y)		(5) 5 V ±5%	(B) Bidirectional			RAD (R)
(Z)		(824) 8÷24 V	(BZ) Bidirectional + zero			
(B)		(1828) 18÷28 V	(MZ) Monodirectional + zero			
(H)		(815) 8÷15 V				
()		(12) 12 V ±5%				
()		(24) 24 V ±5%				
(S)		(1230) 12÷30/12 V				
(W)		(8245) 8÷24/5 V				
()		(1030) 10÷30 V				
()		(18285) 18÷28/5 V				
(X)		(1530) 15÷30/15 V				

NOTE: FOR 88C30 MAX 15 Vdc

- (1) For further information see PULSES/REVOL. data sheet
 (2) For further information see ELECTRONIC data sheet
 (3) For further information see CONNECTION data sheet

Product manufactured according to UNI EN ISO 9001:2000,
 supplied with CHECKING and CONFORMITY
 declaration with CE mark and with TWO (2) YEARS
 WARRANTY starting from delivery date.

ELCIS company has the right to make any changing without previous notice.

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