



İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

hohner

HOHNER AUTOMAZIONE SRL

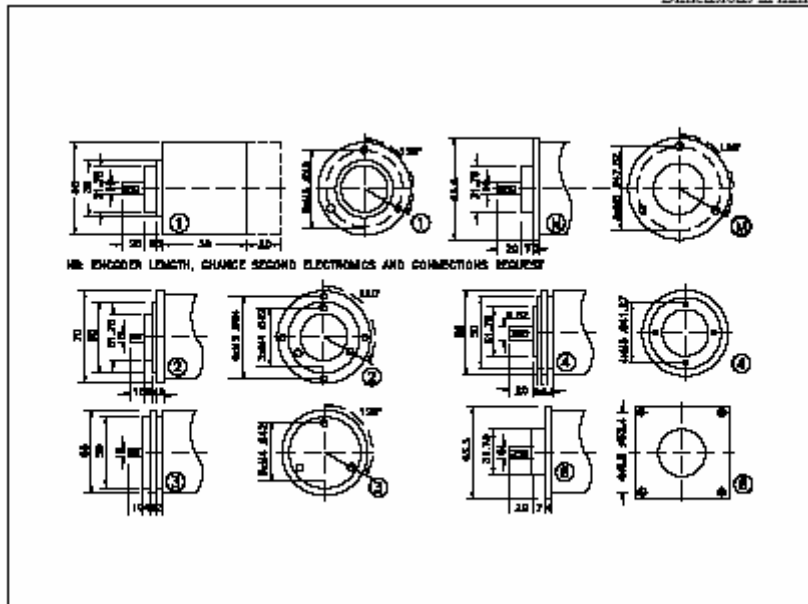
Series
H

Incremental shaft encoder,
high settlement

Mechanics Data

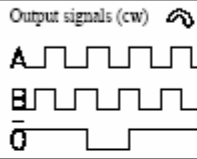
Cover:	Lacquered aluminium
Body:	Aluminium
Solid shaft:	Stainless steel
Bearings:	2 ballraces
Weight:	Approx. 300gr.
Protection:	IP65
Rpm:	6000 Max
Torque:	5Ncm
Inertia:	100gcm ²
Shaft loading:	Axial 100N - Radial 100N (the value decrease when the number of pulses increase)

Dimensions in mm.



Series H

Electronics Data



Power supply: from 5 to 24V depends on the electronics circuit
 Current consumption: 40/80mA depends on the electronics circuit
 Permissible load: 40mA
 Frequency: to 600KHz depends on the electronics circuit (100 KHz sinusoidal version)
 Protections: Against short circuit, reversal polarity
 Operating Temp.: -20/+60°C (-30/+100°C) on request
 0/+60° sinusoidal version

Ordering code

Series		H - * * * * *					Pulses (Max 36.000)	
							See page pulses	
Shaft	Flange	Outputs		Connections	Options			
3 = \varnothing 6mm	1 =	2 = AB	PP11/28V	2 = 9414 Radial	0 = None			
6 = \varnothing 8mm	2 = see	3 = AB $\bar{0}$	PP11/28V	0 = 9414 Axial	1 = High zero pulse			
4 = \varnothing 9.52mm	3 = previous	N = AB+AB	PP11/28V	3 = Cable Radial	Z = Synchronised zero			
1 = \varnothing 10mm	4 = page	P = AB0+AB $\bar{0}$	PP11/28V	9 = Cable Axial	Pulse to 180° only			
6 =	M =	B = AB	OC11/28V	4 = 9418 Radial	for Line Driver			
On request		C = AB $\bar{0}$	OC11/28V	6 = 9418 Axial	W = Synchronised zero			
2 = \varnothing 12mm		G = AB	NPN 11/28V	5 = 9416 Radial	Pulse to 90° only			
		H = AB $\bar{0}$	NPN 11/28V	E = 9416 Axial	for Line Driver			
		J = AB+AB	LD5V	7 = 9419 Radial	A = Special			
		6 = AB0+AB $\bar{0}$	LD5V	8 = 9419 Axial	connections			
		8 = AB+AB	LD5/12V	B = 9415 Radial	Y = Power supply			
		9 = AB0+AB $\bar{0}$	LD5/12V	A = 9415 Axial	5/12V for output			
		S = AB+AB	LD15/24V(out 12V)	N = 9413 Axial	NPN/OC/PP			
		T = AB0+AB $\bar{0}$	LD15/24V(out 12V)		Sinusoidal ver.			
		K = AB0+AB $\bar{0}$	LD15/24 (out 5V)		S = 5 Volt			
		J = AB+AB			T = 8/24 Volt			
		W = AB0+AB $\bar{0}$	Sinusoidal ver.					
		A = AB+REF.	max 3600 pulses					
		Y = AB0+REF.						

Connections

	0 Volt	+ Volt	A	B	\bar{A}	\bar{B}	0	$\bar{0}$
Cable 5 Way	White	Brown	Green	Yellow				Grey
Cable 8 Way	Black	Blue	Brown	Beige	Green	Yellow	Pink	Violet
Connector 9414	Pin1	Pin2	Pin3	Pin4				Pin5
Connector 9416-9415-9413	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
Connector 9418	PinA	PinB	PinC	PinD	PinE	PinF		PinG
Connector 9419	PinA	PinB	PinC	PinD	PinE	PinF	PinG	PinH

İMAJ



İmaj Teknik Elektrik Elektronik San. ve Tic. Ltd. Şti.

EMEKYEMEZ MAH.TUTSAK SOK. NO: 16/13-14-15
 KARAKOY/İSTANBUL
 TURKEY

Telefon : +90 212 235 9535 / 36
 Fax : +90 212 235 9537

www.imajteknik.com
 www.imajteknik.com.tr