



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



**hohner**

HOHNER AUTOMAZIONE SRL

Series  
21

Very compact incremental shaft encoder,  
light-weight

### Mechanics Data

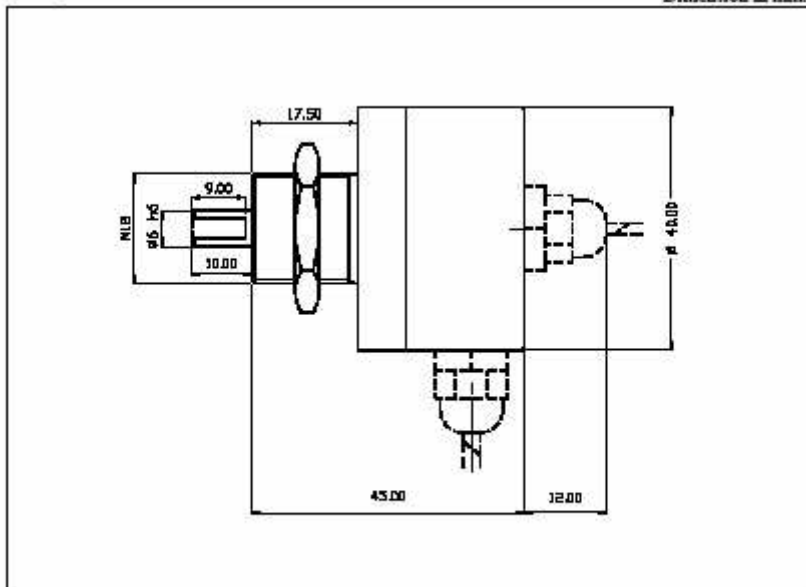
Cover :	ABS nickel-plated
Body :	Zn+Al+Mg alloy
Shaft:	Stainless steel
Bearings:	2, ballraces
Weight:	Approx. 150gr.
Protection:	IP65
Rpm:	6000 Max
Torque:	3Ncm
Inertia:	5gcm <sup>2</sup>
Shaft loading:	Axial 30N - Radial 30N (max. value)

Tightening torque  
locking:

250Ncm

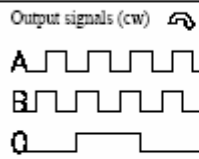


Dimension in mm.



## Series 21

### Electronics Data



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

### Ordering code

Series **2 1** - **2 1 \* \* \*** / **Pulses** (Max 1250)  
 See pulses page

#### Outputs

7 0	= AB	NPN	5.24V
0 0	= AB0	NPN	5.24V
7 A	= AB	Open C.	5.24V
0 A	= AB0	Open C.	5.24V
2 B	= AB+AB	PP	8.24V
1 B	= AB0+AB0	PP	8.24V
6 0	= AB+AB	LD	5V
8 0	= AB0+AB0	LD	5V
8 W	= AB0+AB0	LD	5V (0 agganciato +90°)

#### Connections

0	= Cable 5P Axial
R	= Cable 5P Radial
3	= 9414 5P Axial
1	= 9415 9P Axial
7	= 9415 9P Radial
2	= Cable 8P Axial
8	= Cable 8P Radial

### Connections

	0 Volt	+ Volt	A	B	$\bar{A}$	$\bar{B}$	0	$\bar{0}$
Cable 5 Way	White	Brown	Green	Yellow			Gray	
Cable 8 Way	Black	Blue	Brown	Beige	Green	Yellow	Pink	Violet
Connector 9415	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
Connector 9414	Pin1	Pin2	Pin3	Pin4			Pin5	




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

EMEYEMEZ MAH.TUTSAK SOK. NO: 16/13-14-15  
 KARAKOY/ISTANBUL  
 TURKEY

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

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