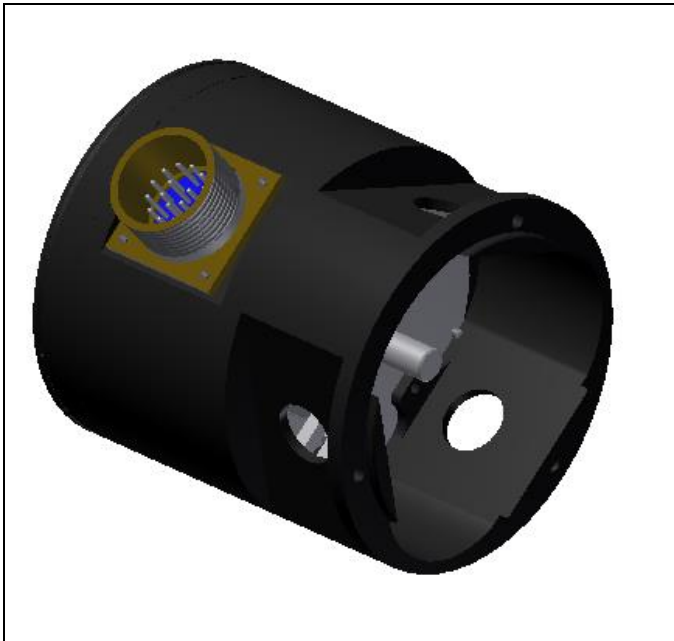


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OEM: ESAB CNC Plasma Cutter

- Compact Feedback Unit
- Geared Encoder (1:10)
- Replaces Micron 36-509-640-1963

NOTE: Threaded plugs will be mounted in each access port. Open ports shown for reference only

Performance Specifications

Temperature	-15°C to +60°C
Humidity	0-95% RH, Non-Condensing
Protection	IP64

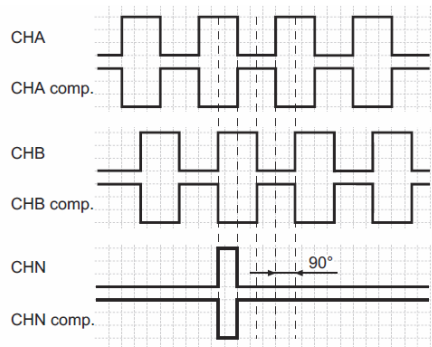
Encoder

Ratio	E1 = +1 : -10
Gears	(Z 60/Z 120) Module 0.5 (Z 24/Z 120) Module 0.5

All Gears are Antibacklash

Model	ESIX36
Type	Incremental Encoder
Power Supply	+5 VDC
Resolution	500ppr
Outputs	A/A'/B/B./Z/Z' RS422 line driver outputs

05A: CCW rotating direction when looking directly at shaft of internal encoder



Specification not to be changed without customer approval

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Label

Position Transducer App.Nr. M-XXXXXX
 E1=1:10 per TD 9000.00.715
 Replaces Micron 36-509-640-1963

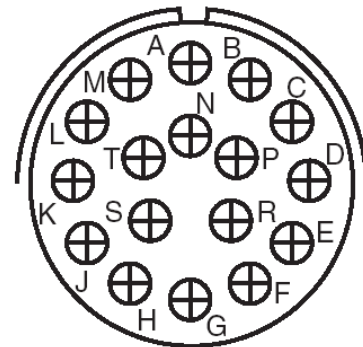
MICRONOR P/N 9000.00.715
 USA +1-805-389-6600 sales@micronor.com
 EUR +41-44-843-4020 www.micronor.com

Electrical Wiring

Flange Mount Receptacle: MS3102A-20-29P (17C, Male/Pin Contacts)

Straight Plug (available separately): MS3106F-20-29S (17C, Female/Socket Contacts. Straight Plug)

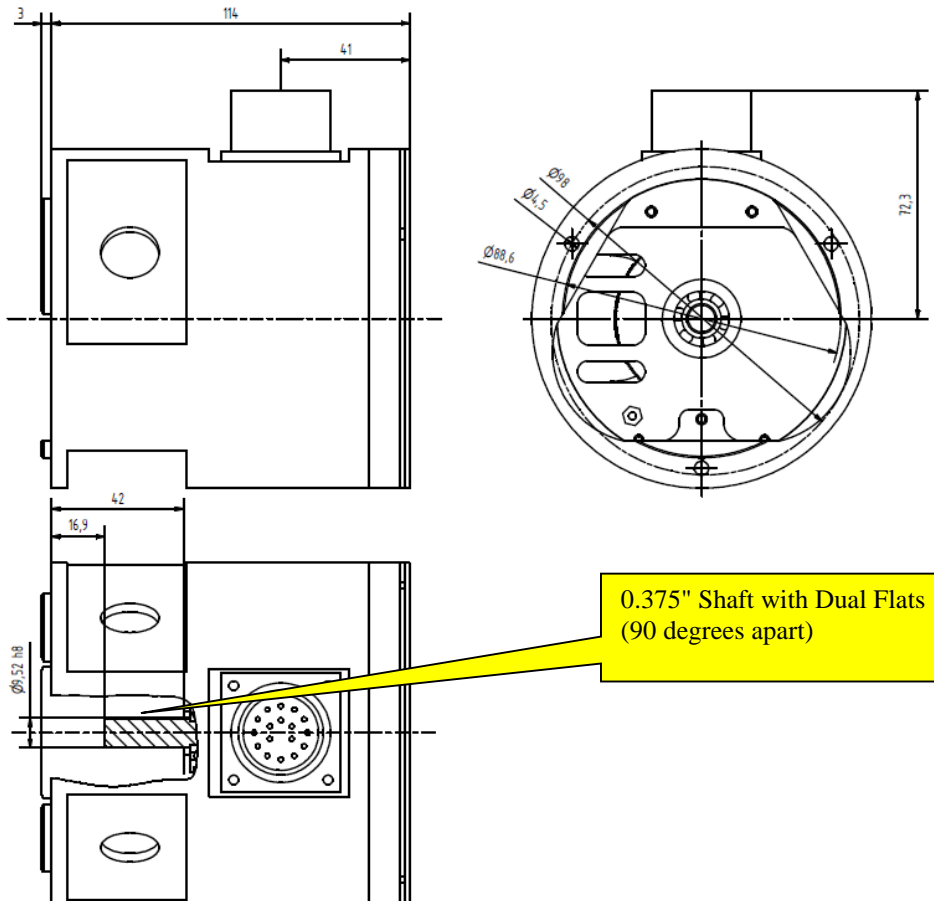
Wire color	Resolver	Function	Connector Pin No.
TBD	E1	B	A
TBD	E1	Index	B
TBD	E1	Index'	C
			D (No Connection)
			E (No Connection)
			F (No Connection)
			G (No Connection)
			H (No Connection)
---			J (No Connection)
---			K (No Connection)
TBD	E1	A'	L
TBD	E1	A	M
TBD	E1	B'	N
TBD	E1	+5V	P
---			Q (No Connection)
---			R (No Connection)
---			S (No Connection)
TBD	E1	GND	T



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Reference drawing



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Please Sign to Approve:

Name	Compartment	Date / Location
	Motion Industries (Customer)	
	Micronor Inc. (Sales)	

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For Sales & Service:

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REV.0