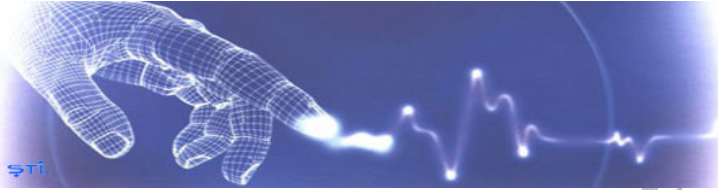




İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ.



Singlsyn

Singlsyn is an entirely new type of absolute angular resolver.

Corresponding application If it clicks, details will looking-get.

Defence

Favtory

Science

Amusement

Car

Spec List>>

[2X-BRX](#)

[3X-BRX](#)

[4X-BRX](#)

This angle/speed sensor features an ultra-thin structure, a wide range of operating temperatures, greater resistance to various application environments and high reliability.

Features

- Extremely thin
The built-in type resolver of ultra thin structure minimizes the mounting dimensions.
- Wide range of operating temperatures
-55°C to +155°C
- Superior environmental resistances
Vibration: 196m/s²(20G), Shock: 980m/s²(100G), Humidity: 90%RH or above
- High-speed revolution
- High reliability
- Absolute position detection and speed detection
By connecting our R/D transducer or Smartcoder to Singlsyn, its analog output signals can be converted into digital position (angle) signals and speed signals.
- Low cost
Low cost has been realized by reducing the number of parts to 1/10 of that of the earlier resolver models.

SPECIFICATION LIST

Function	2X-BRX		
Frame Size	S10	S15	S21
Model No.	TS2223N12E102	TS2224N12E102	TS2225N12E102
Input voltage	7Vrms 10kHz		
Primary Side	R1-R2		
Transformation ratio	0.286±10%		
Electrical Error	±60'Max		
Phase Shift	+15§Typ	+10§Typ	0§Typ
Mass	0.023kg	0.05kg	0.09kg
Function	3X-BRX		
Frame Size	S10	S15	S21
Model No.	TS2223N13E102	TS2224N13E102	TS2225N13E102
Input voltage	7Vrms 10kHz		
Primary Side	R1-R2		
Transformation ratio	0.286±10%		
Electrical Error	±45'Max		
Phase Shift	+25°Typ	+10°Typ	0°Typ
Mass	0.023kg	0.05kg	0.09kg
Function	4X-BRX		
Frame Size	S10	S15	S21
Model No.	TS2223N14E102	TS2224N14E102	TS2225N14E102
Input voltage	7Vrms 10kHz		
Primary Side	R1-R2		
Transformation ratio	0.286±10%		
Electrical Error	±30'Max		
Phase Shift	+10°Typ	0°Typ	-10°Typ
Mass	0.023kg	0.05kg	0.09kg

İMAJ



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