



Incremental Angle Encoders TGR61, 62:

Model name	TGR 61	TGR 62
Model picture		
Cable axial version	61.5	-
Cable radial version	61.6	62.6
Flange dimension [mm]	 90	 90
Shaft diameter [mm]	F10H6	Hole F20H6
Mechanical protection	IP64	IP64
Output signals: DS: RS422A SI: (11mA sine), SV(1Vpp sine)	DS (square waves differential with line driver), SV, SI	DS (square waves differential with line driver), SV, SI
Supply voltage	5V±5%	5V±5%
No. lines/rev.	5000, 6000, 9000, 18000	5000, 6000, 9000, 18000
Reference marks	1 or DCR (Distance coded) only for 18000 lines	1 or DCR (Distance coded) only for 18000 lines
Accuracy	±2.5", ±7.5"	±5", ±7.5"
Accessories	Couplings	Couplings

Incremental Angle Encoders TGR71, 72:

Model name	TGR 71	TGR 72
Model picture		
Cable axial version	-	-
Cable radial version	71.6	72.6
Diameter [mm]	F170	F170
Shaft diameter [mm]	F14H6	Hole F50H7
Mechanical protection	IP64	IP64
Output signals: DS: RS422A SI: (11mA sine), SV(1Vpp sine)	DS (square waves differential with line driver), SV, SI	DS (square waves differential with line driver), SV, SI
Supply voltage	5V±5%	5V±5%
No. lines/rev.	16384, 18000, 36000	16384, 18000, 36000
Reference marks	1 or DCR (Distance coded) only for 18000 and 36000 lines	1 or DCR (Distance coded) only for 18000 and 36000 lines
Accuracy	±1.5", ±2.5"	±2.5", ±5"
Accessories	Couplings	Couplings