

Annexure-3

1) ABSOLUTE ROTARY ENCODER - Multiturn Ethercat Interface based as per specifications in annexure-3

SL.no	Description	Specifications	
1	Product Family	AC58	
2	Make	Hengstler /Heidenhein or equivalent	
3	Interface	ETHERCAT	
4	Part Number	AC58/0022ES.71ECR	
5	Type	Single-turn	
6	Ordering Information	RotaryEncoderAC58	
7	Function / Application	Absolute	
8	Technology	Optical	
9	Approval	UL	
10	Connector Type	CE	
11	Housing Diameter [mm]	58 mm	
12	Solid shaft	Solid 6 mm	
13	Protection Rating Housing	IP67	
14	Operating Temperature [°C]	-40 ... +85 deg C	
15	Housing Option	Aluminium	
16	Connection	M23 connector (Conin), 12 pole	
17	Revolutions [rpm]	6,000 ... 10,000 rpm	
18	Resolution ST [Bit]	22 bit	
19	Resolution MT [Bit]	NA	
20	Absolute accuracy (typ.)	±35" (35 arc second)	
21	Repeatability (typ.)	±10" (10 arc second)	
22	Material shaft	Stainless Steel	
23	Material housing	Aluminium	
24	Supply voltage	DC 10-30 V	
25	warranty	1 year minimum	
26	Required Standard accessories	15 meter or more compatible power cables (1 no's). 15 meter Ethecat cables.M12 at one and With one end RJ45. 15 meter Ethercat cable with M12 connector at both ends.	
27	Required Spare connectors	Spare m12 connectors.(2 no's)	