

Annexure-1

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

SL.no	Description	Specifications	
1	Product Family	AC58	
2	Make	Hengstler /Heidenhein or equivalent.	
3	Interface	SSI gray	
4	Part Number	AC58/1222ES.71SGB	
5	Type	multi turn	
6	Ordering Information	RotaryEncoderAC58	
7	Function / Application	Absolute	
8	Technology	Optical	
9	Approval	UL & CE	
10	Connector Type	RADIAL	
11	Housing Diameter [mm]	58 mm	
12	Solid shaft	Solid 6 mm	
13	Protection Rating Housing	IP67	
14	Operating Temperature [°C]	-40 ... +100 °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]	12 Bit	
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	3 meter or more encoder cable with compatible connector and open at other end suitable for bench test verification.	
27	Required Spare connectors	Two spare m23 connectors compatible with supplied encoder for spare cable.	