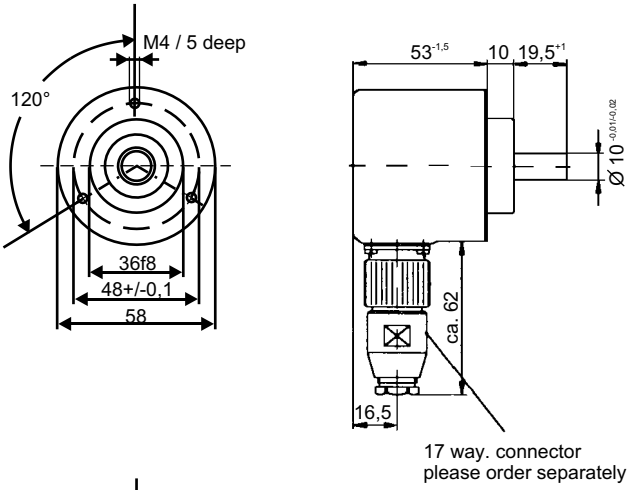
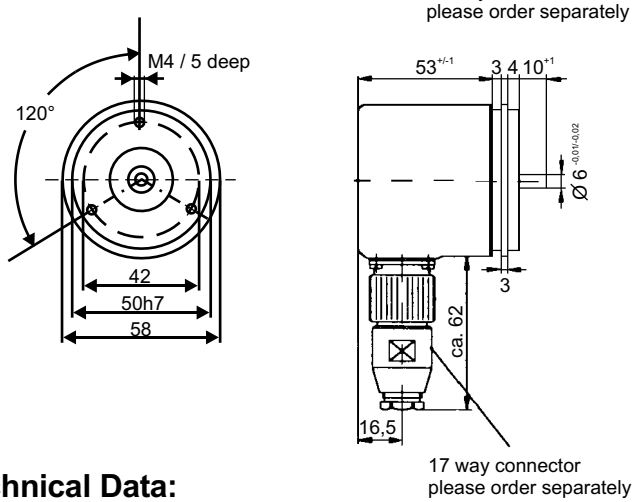
Absolute encoder AG 25 (Multiturn)

Absolute encoder
AG25-8192-24-3 (SSI)



Absolute encoder
AG25-8192-24-6 (SSI)



[mm]

Pinning

Pin:	Function:
8	Clock+
9	Clock-
14	Data+
17	Data-
7	+24 V supply
10	GND / 0 V
Housing	Shield

Technical Data:

Supply voltage:	10-30 V DC (max. 250 mA)
Resolution:	13 Bit = 8192 steps/rev.
Number of revolutions:	4096
Dataformat:	SSI, Gray-Code
Speed:	max. 6000 min^{-1} (mechanical 10000 min^{-1})
Axial load:	< 40 N
Radialload:	< 60 N
Vibrations:	IEC 68 part 2-6; <= 100 m/s^2 / 55-2000 Hz
Shock:	IEC 68 part 2-27; <= 1000 m/s^2 / 6 ms
Ambient temperature:	-20°C ... +85°C (-4°F ... 185° F)
Protection class:	IP 67 (Housing) / IP64 (Axle)
Interference:	EN 50082-2
Emission:	EN 50081-1

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