FPS400M

Fast Piezo Shutter

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APPLICATIONS

- X-Ray Shutter for Synchrotron beamlines

KEY FEATURES

- UHV compatibility
- Lifetime: > 100 million cycles
- High repeatability
- Low jitter: < 100 µs
- Tungsten teeth
- Shutter status feedback (Open/Close) with Strain Gauge (SG) sensors
- Remote control of the shutter with RS422 link (option RS422)

RELATED PRODUCTS

- Drived and controlled with SP75A-2
- Strain gauge conditioner SG75-1
- Rack RK42F3U-LC75B
- Vacuum box with KF40 interface

AVAILABLE OPTIONS

- UHV compatibility



NON CONTRACTUAL PICTURE

PARAMETER	TYPICAL VALUE	UNIT
Max. beam diameter	0.70	mm
Aperture & closing time	4	ms
Voltage range	-20 ... 150	V
Capacitance (per electrical port)	3.2	µF
Slits material	Tungsten	-
Slits depth	2.4/4.8	mm
Dimensions (X×Y×Z)	60×44×21	mm
Mass	84	g

See 2D Configuration on page 2

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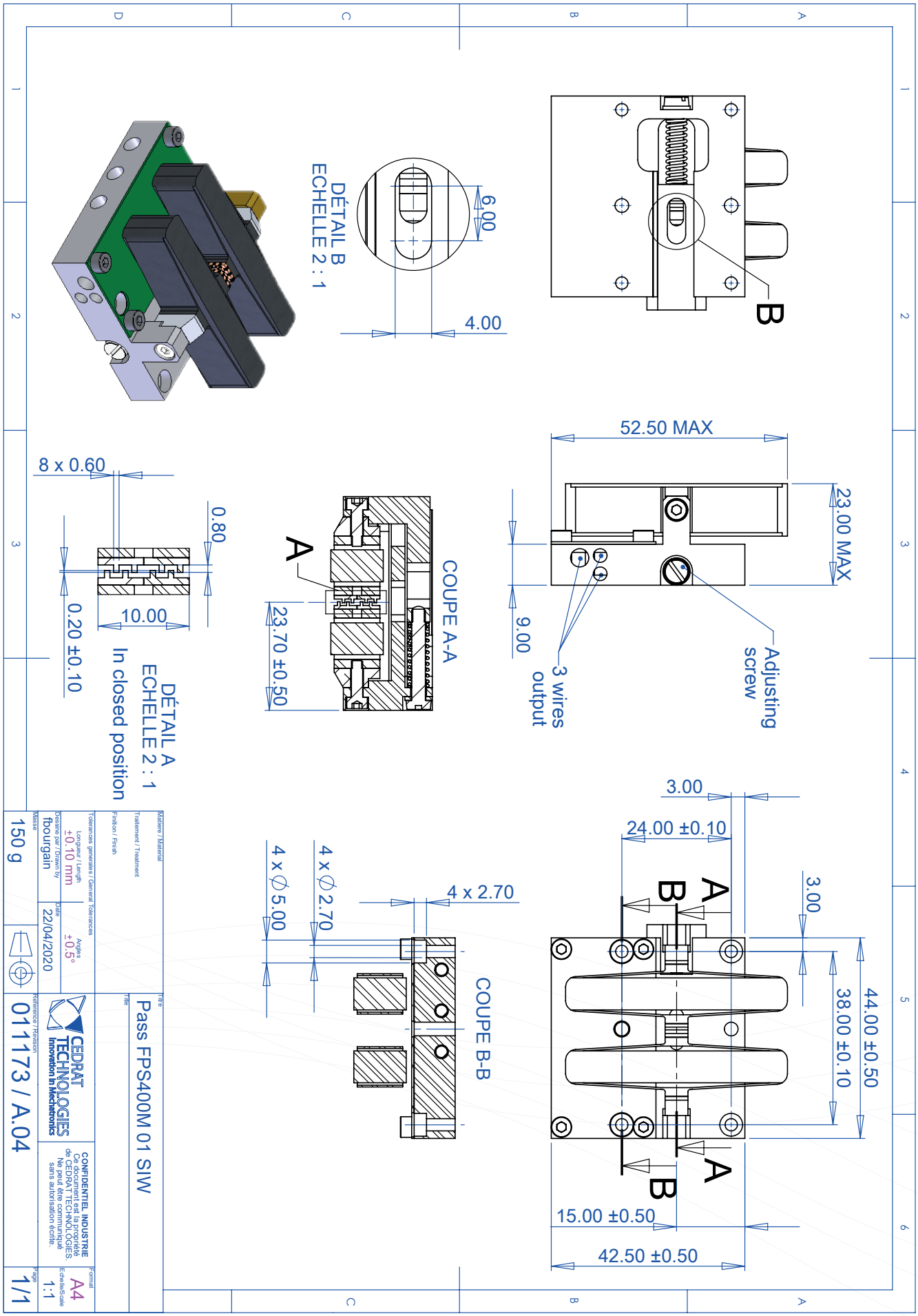

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