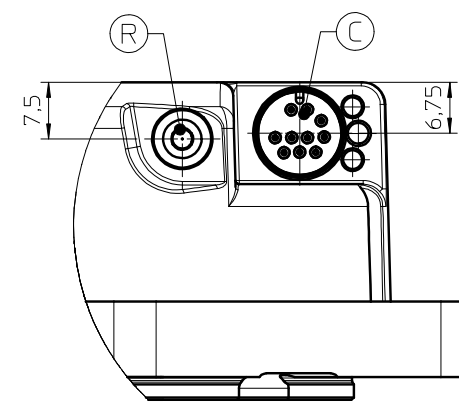


Scale 2:1



① - Three different types of cable:

- Cable Ø6mm
- Cable Ø4mm
- Cable Ø10,5mm (with protection)

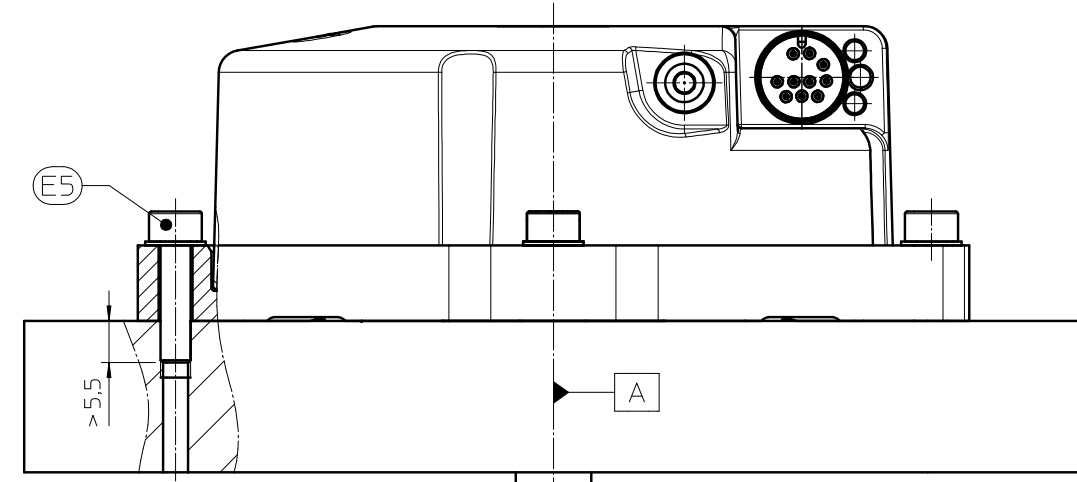
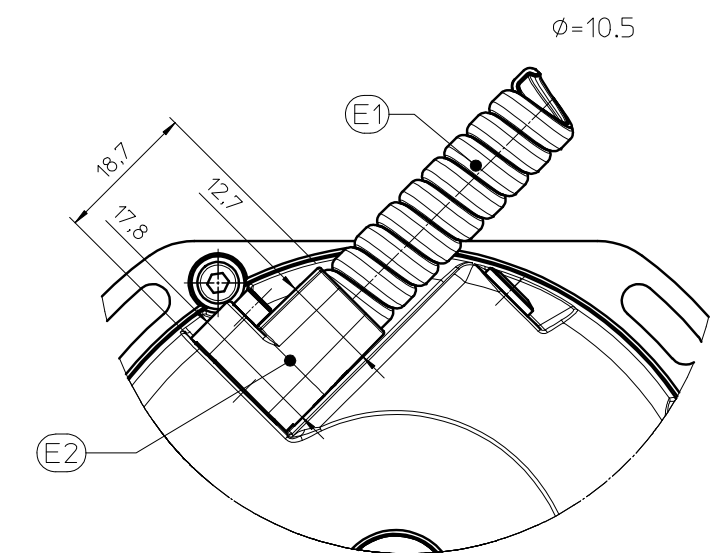
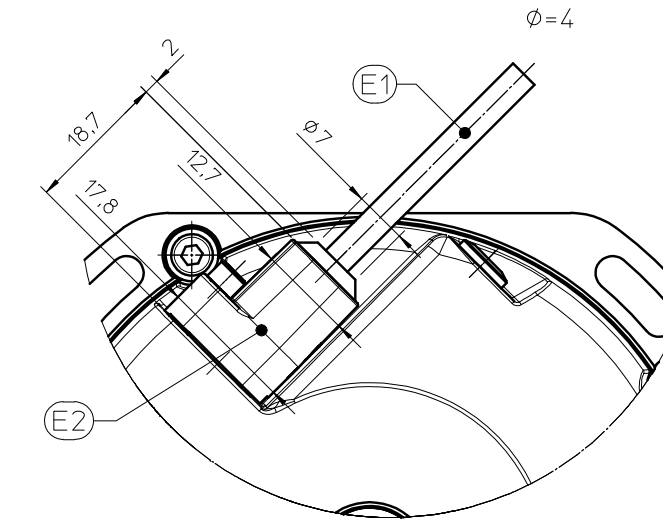
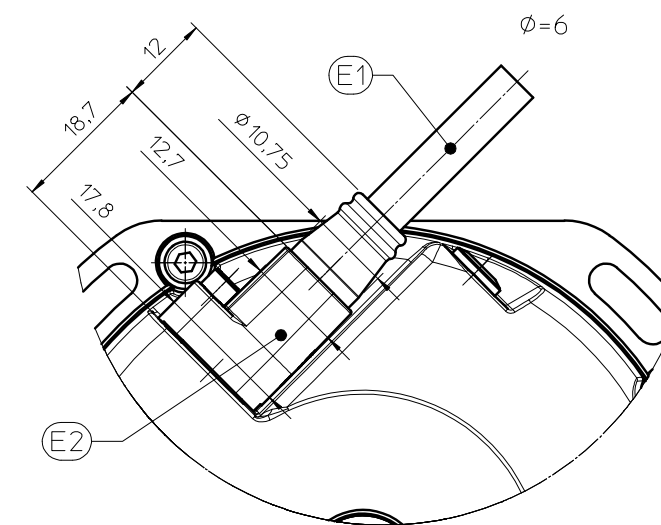
Bend radius for flexible configuration for:

- Cable $\phi 6\text{mm}$: $R > 60\text{mm}$
- Cable $\phi 4\text{mm}$: $R > 40\text{mm}$
- Cable $\phi 10.5\text{mm}$: $R > 60\text{mm}$

Bend radius for flexible configuration for:

- Cable $\varnothing 6\text{mm}$: $R > 24\text{mm}$
- Cable $\varnothing 4\text{mm}$: $R > 16\text{mm}$
- Cable $\varnothing 10.5\text{mm}$: $R > 35\text{mm}$

Ⓔ - Cable support.



KINEMATIC ERROR OF TRANSFER

MODEL AA: $\pm z^{\circ}$ at $l < 0.1\text{mm}$ and $\alpha < 0.9^{\circ}$

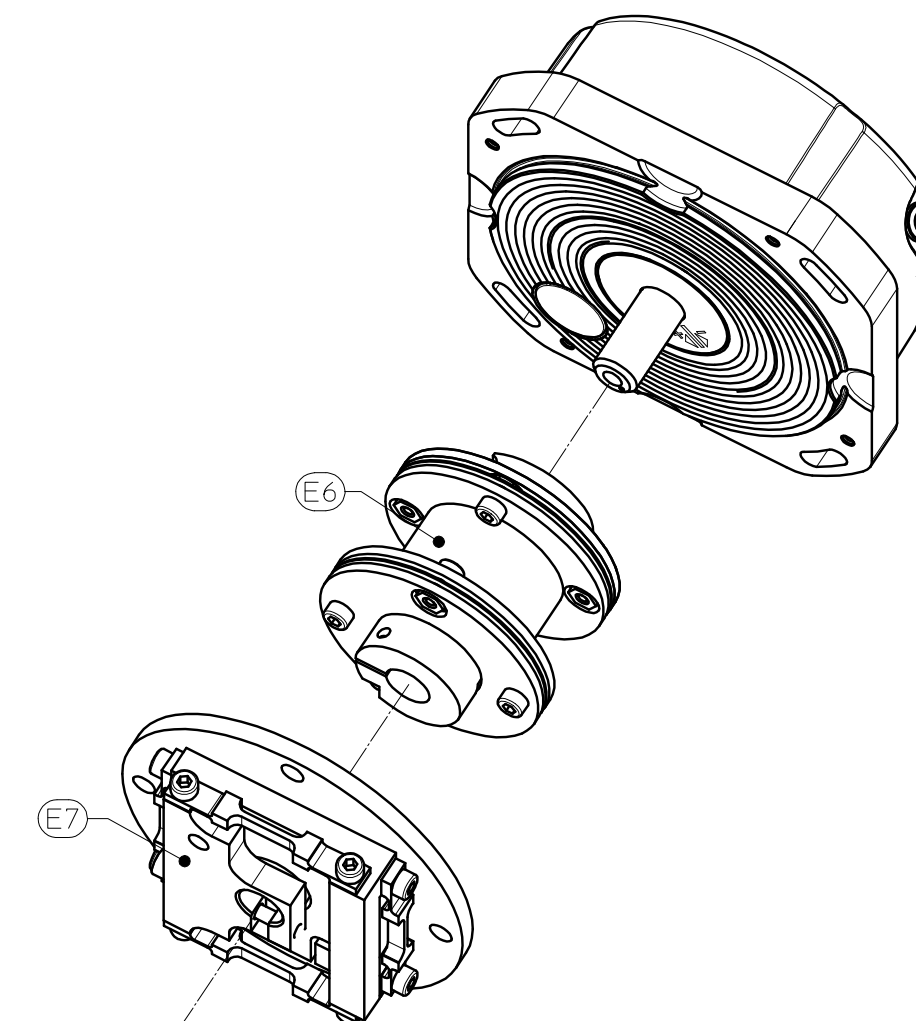
- 1 max: 0.3mm
- 2 max: 0.5°
- δ max: 0.2mm

MODEL AP: $\pm 3^{\circ}$ at $l < 0.1\text{mm}$ and $\alpha < 0.9^{\circ}$

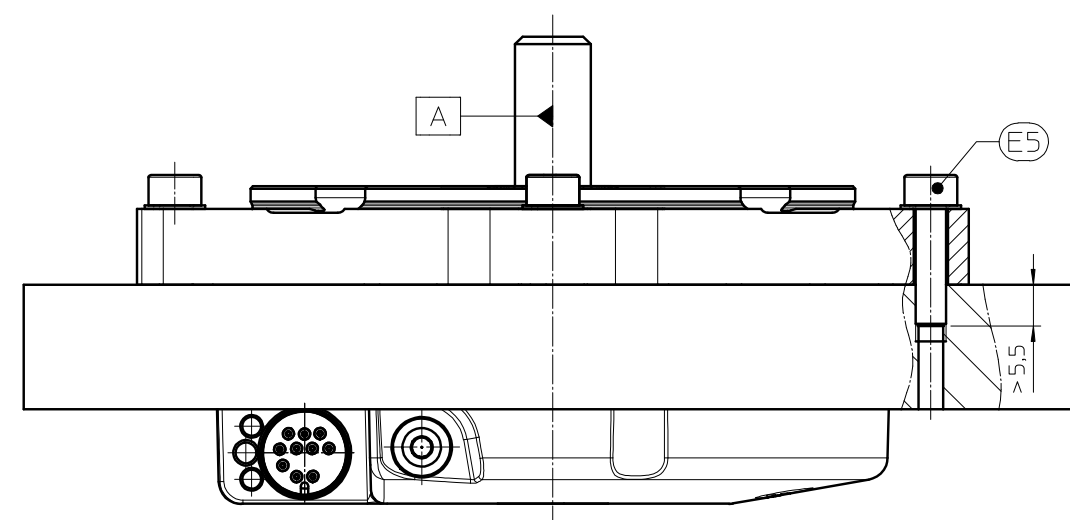
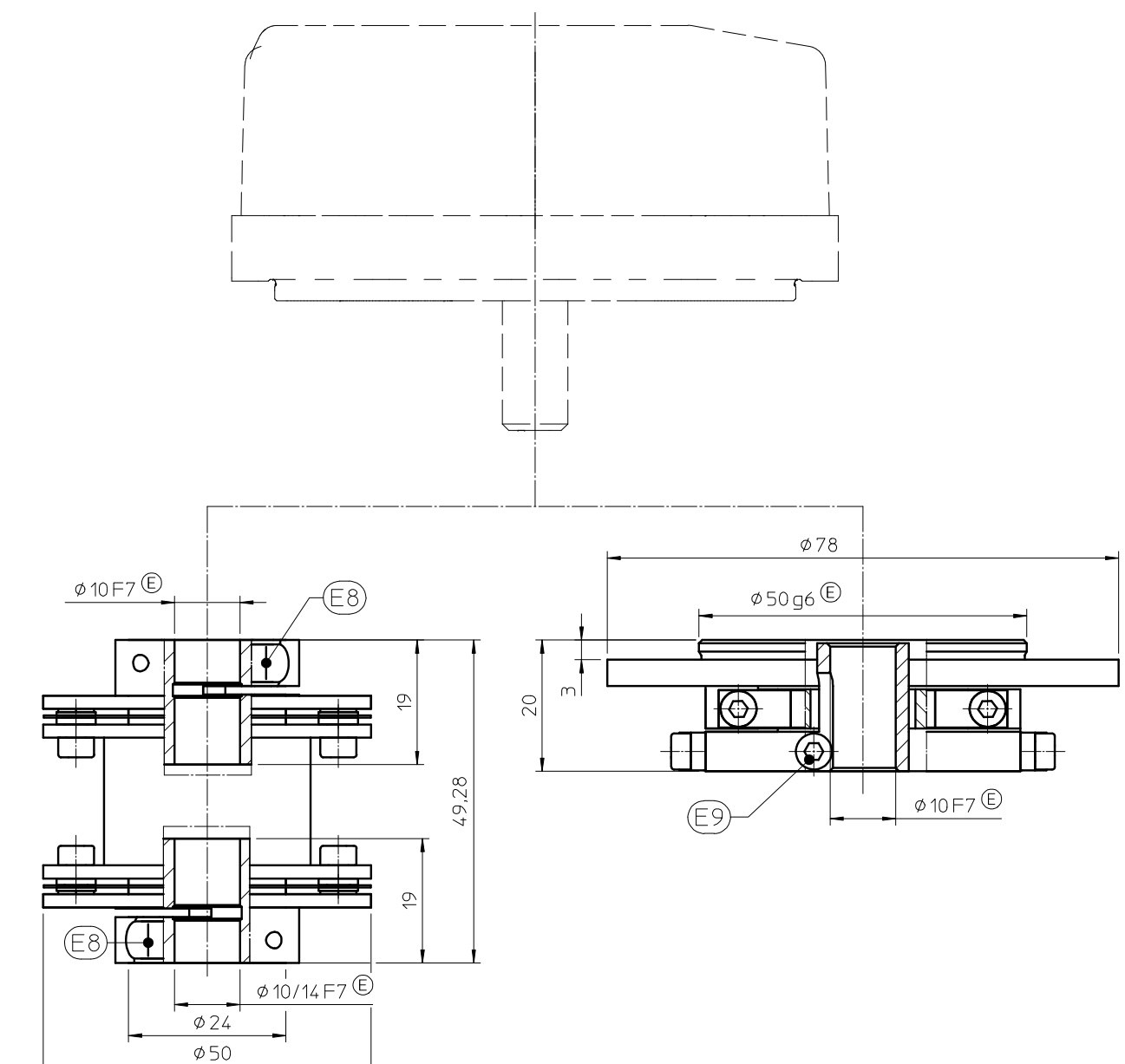
- 1 max: 0.3mm
- 2 max: 0.5°
- δ max: 0.2mm

KINEMATIC ERROR OF TRANSFER
MODEL AA: $\pm 2''$ at $\lambda < 0.1\text{mm}$ and $\alpha < 0.09^\circ$
 λ max: 0.3mm
 α max: 0.5°
 δ max: 0.2mm

MODEL AP-10: $\pm 3''$ at $\lambda < 0.1\text{mm}$ and $\alpha < 0.09^\circ$
 λ max: 0.3mm
 α max: 0.5°
 δ max: 0.2mm



Scale 1:1.5



[A] = Bearing of mating shaft.

[A] = Bearing of mating shaft.


Ⓜ = Assembly sizing set by customer.

(R) = Compressed air intake.

© = Connector.

① = 0° position index $\pm 5^\circ$.

 = Direction of shaft rotation

 = Direction of shaft rotating for output signals is described in interface description.

Ⓔ = Mounting surface.

(E4) = Material of MATING PIECE: steel, $R_{p0.2} \geq 370 \text{ N/mm}^2$

(E5) = Hexagon socket head cap screw M4; Pa=2.5±0.15Nm
Screw: DIN 912-M4x16
Screw property class: Inox A2
Washer: DIN 433-4-200 Hv
Materially bonding anti-rotation lock necessary.

(E6) = Coupling model AA10/10: ID=82100060.
Coupling model AA10/14: ID=82100070.

(E7) = Coupling model AP-10; ID=82592000.

ⒺⒻ = M3, Pa=1.2Nm.

(N1) = Mounting surfaces and threads must be clean and free of grease.

Pa = Tightening torque.

[illegible]

Scale: 1:1



Dimension in mm
Tolerancing ISO 8015
ISO 2768 - m H
6 mm: ± 0.2 mm

AGOR