

A minimum distance of 100mm between the cable harness and any (machine)parts is recommended to avoid any collision

Optional Bellows ( 1 : 2 )

TCP - working range when using optional Bellows (MT\_BGR00105809)

Kinematic origin

A1-axis

A2-axis

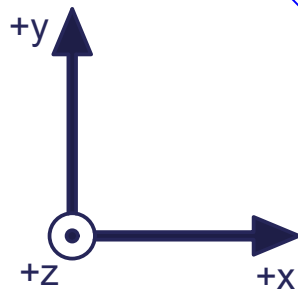
A3- & A4-axis

TCP

TCP - working range

Push button, for example to be able to release the motor brakes (details for connection see table "PIN assignment")

Maximum interference



ISO 9409-1-63-4-M6

A ( 2 : 1 )  
Tool mounting flange

B

B-B

PIN assignment by autonox Robotics

| PIN number | Connection to | M12 8-pin male |
|------------|---------------|----------------|
| 1          | Push button   |                |
| 2          | Push button   |                |
| 3 to 8     | Not connected |                |
|            |               |                |

for screws M12 (DIN ISO 4014/4017-8.8) the tightening torque for these screws is 83 Nm (in steel frame).

Incl. fourfold integrated media supply to the end effector (compressed air 8 bar / vacuum -1 bar / D = 6mm d= 4mm)

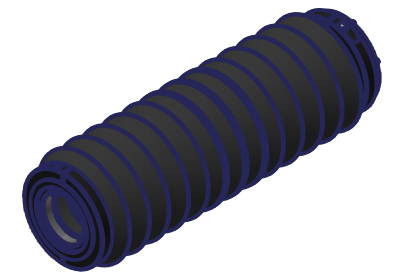
| sCara4-700-6kg    |                      | Motion |                    |
|-------------------|----------------------|--------|--------------------|
| Axes              | 4                    | Axes   | Range fully usable |
| Payload (on TCP)  | 6 kg                 | A1     | ± 135°             |
| Reach             | 700 mm               | A2     | ± 145°             |
| Mounting position | Floor, ceiling, wall | A3     | + 73 mm / + 273 mm |
|                   |                      | A4     | ± 360°             |

More information can be found in the document "calibration dimensions"

Connecting dimensions, valid for article number: AT\_00020-400

OPTIONAL:

Bellows MT\_BGR00105809



|                         |    |             |
|-------------------------|----|-------------|
|                         |    |             |
| m=                      | kg | A           |
| proj. storage surface = | m² | P=          |
|                         |    | U=          |
|                         |    | Imax=       |
|                         |    | KW          |
|                         |    | V / Hz / P/ |
|                         |    | A           |
|                         |    | p= bar      |
|                         |    | Q= l/min    |



AT\_00020-400