



TECHNOLOGY DESCRIPTION

SensoJoints are torque-controlled complete drives that make the development of sensitive robotics solutions faster and more efficient. As plug & play actuators with standard hardware and software interfaces, SensoJoints are ready to install and easy to integrate into any robotics concept. In addition, they fulfil all key safety requirements for HRC (human-robot collaboration) robotics, and are already fully safety-certified in accordance with IEC 61508, IEC 62061 and ISO 13849, thus saving time and costs when meeting the requirements of ISO 10218 and ISO/TS 15066. SensoJoints are available in five sizes and can also be supplied in individual designs and performance levels if required.



INNOVATIVE ASPECTS

- Torque-controlled
- Sensitive
- Fully safety-certified (in Q1 2024)
- Powerful
- Compact, light and robust
- Highly precise
- Easily integrated



TECHNOLOGY READINESS (in space application)

TRL 8-9 (2024)

COUNTRY OF ORIGIN

Germany

LATEST UPDATE

06/2024

TAGS

#medical robot

#cobot

#force feedback

#torque sensor

#SensoJoint

#HRC

APPLICATION AREAS

Aviation

Health

Food & Agriculture

Electrical & Electronic Engineering

Mechanical Engineering

Space technologies

Transport & Logistics

TECH CARD

