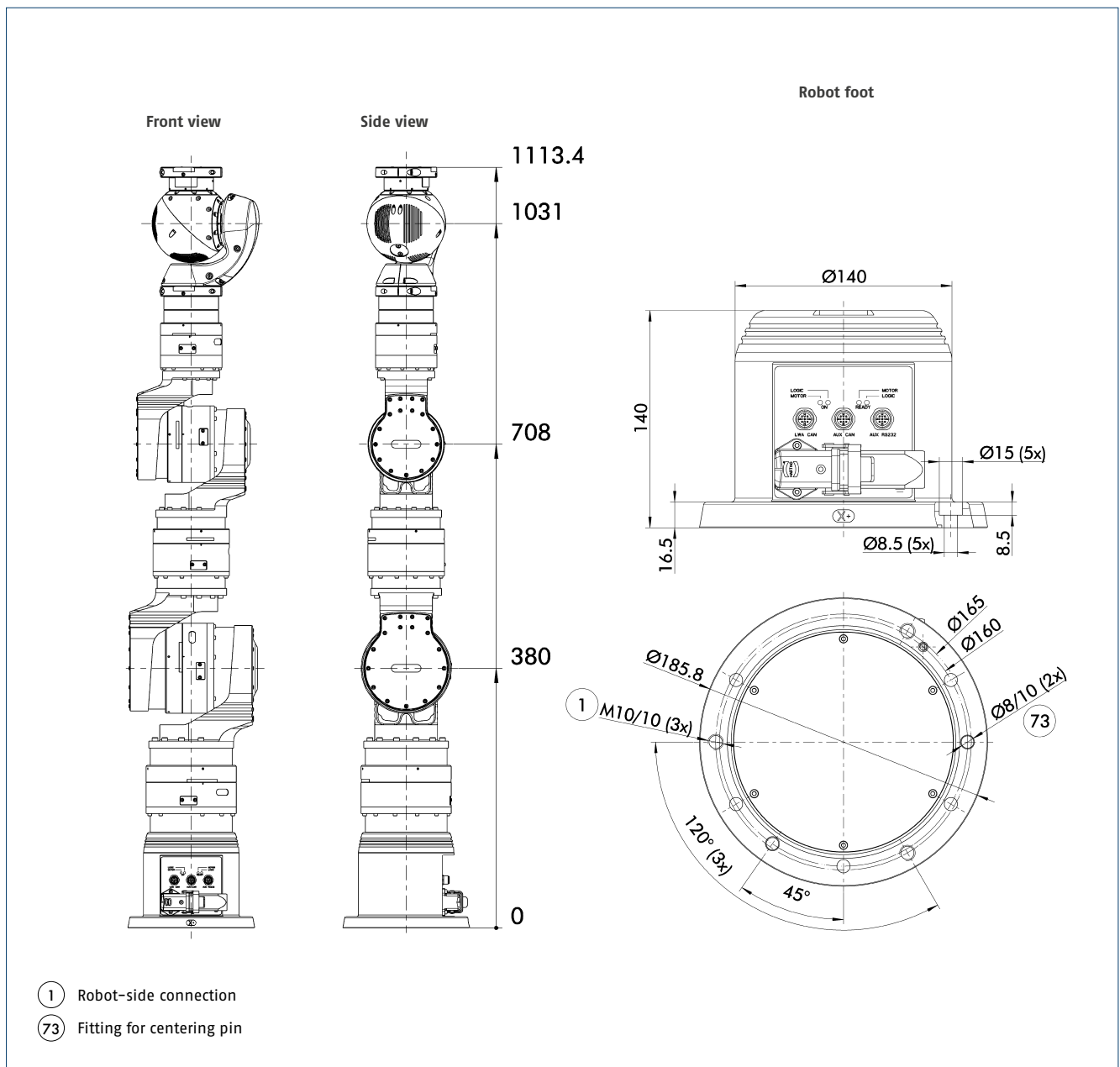


Technical data



Designation	LWA 4D	Power supply	24 V DC / avg. 5 A / max. 15 A	
ID	0306962	Interface	CANopen (CiA DS402:IEC61800-7-201)	
Type	7 DOF lightweight robot	Axes	Speed with nominal load	Range
Number of axes	7	Axis 1	40°/s	±180°
Max. payload [kg]	10	Axis 2	40°/s	±123°
Repeat accuracy [mm]	±0.15	Axis 3	40°/s	±180°
Position feedback	Pseudo-absolute position measuring	Axis 4	40°/s	±125°
Drives	Brushless servomotors with permanent-magnet brake	Axis 5	40°/s	±180°
Pan-tilt unit flange	Flat tool changer with free lines and power supply	Axis 6	72°/s	±170°
Installation direction	Any	Axis 7	72°/s	±170°
Dead weight [kg]	18	Grippers	WSG 50, PG-plus 70, MEG, SDH 2, SVH	
IP class [IP]	54	Changer	FWS 115	
		Robot control system	ROS node (ros.org)	