

## Product specifications

Product model number	S250N	S250L	S250P	S250H	S2503, S2506, S25010
Robot series	C4 Series	C8 Series	C8 Supporting IP	N Series* <sup>1</sup>	G Series, RS Series
Outer dimensions	ø80 × H49 mm	ø88 × H49 mm	ø88 × H66 mm	ø80 × H49 mm	ø80 × H52 mm
Weight* <sup>2</sup>	460 g	520 g	680 g	460 g	640 g
Measured degree of freedom	6-Axis: x, y, z-Axis force (Fx, Fy, Fz), moment (Tx, Ty, Tz)				
Rated load	Fx, Fy, Fz: 250N, Tx, Ty, Tz: 18Nm				
Overload capacity	Fx, Fy, Fz: 1000N, Tx, Ty, Tz: 36Nm				
Measured resolution	Fx, Fy, Fz: ±0.1N or less, Tx, Ty, Tz: ±0.003 Nm				
Measured accuracy	±5% R.O. or less				
Bundled items	Interface box "FS1", communication cables, robot mounting flange				

\*1 Scheduled to be launched in FY2016.

\*2 Weight of the force sensor body and the robot mounting flange. Cables excluded.

Image of force sensor attached to a C8 series robot

