

FCR

Position limit switch

Position limit switch

The **FCR position limit switch** is used to control several handling systems:

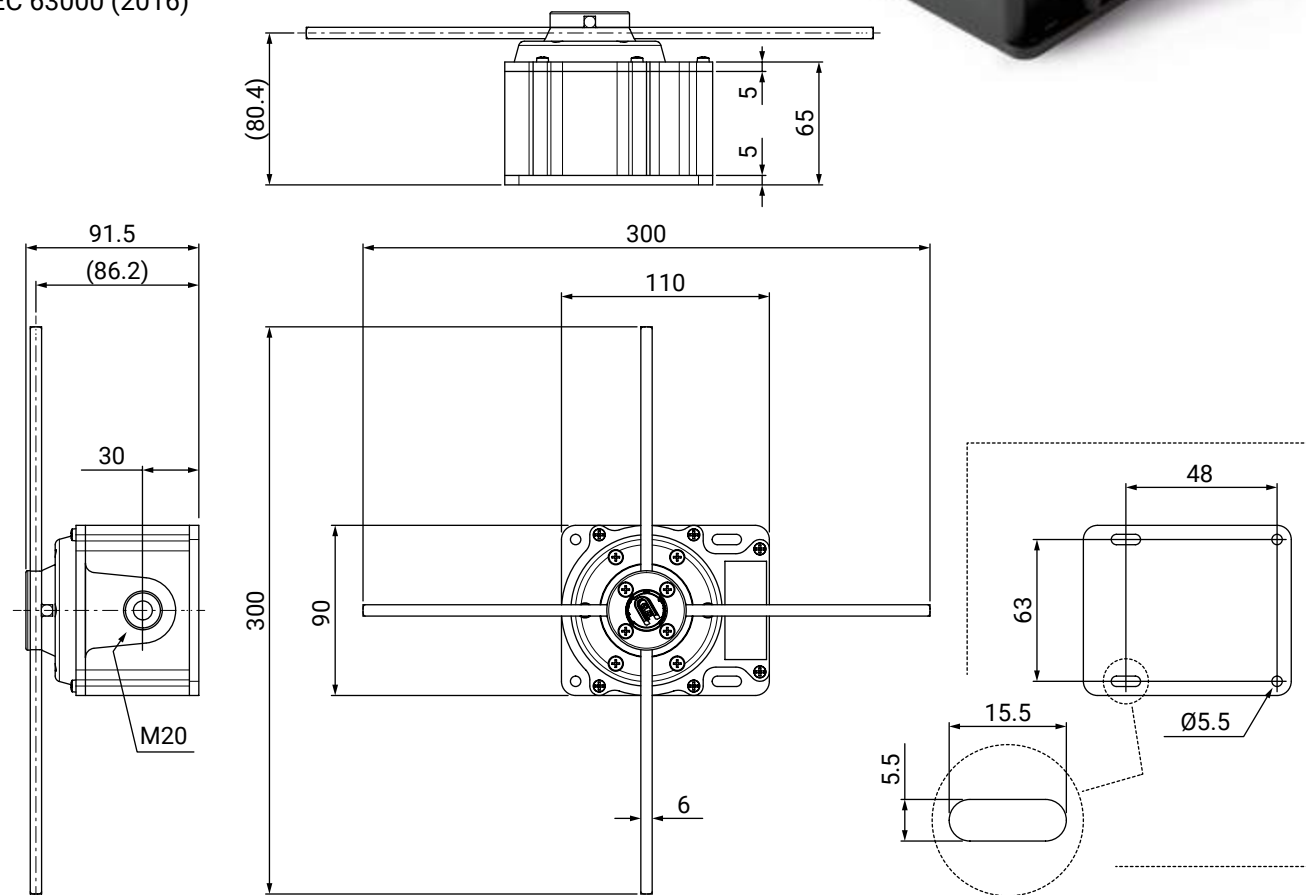
- **Bridge cranes:** the limit switch controls the operating system, for example a PLC, and allows the bridge crane to slow down or stop.
- **Hoists:** the limit switch is used to stop the hoist whenever it reaches a limit position.

Features

- Designed to guarantee excellent performance in the most challenging operating conditions.
- Arranged with 4 fixing holes.
- Positive opening NC contacts for safety functions.
- IP65 protection degree.
- Aluminium rods with 6x6 mm section and enclosure in thermoplastic material.
- Cross rods with 4 maintained positions every 90°.
- Arranged with 1 output for cable clamps to reduce installation time and make wiring easier.
- Available different versions, also customizable on request.

Compliance and certifications

- 2014/35/UE - 2011/65/UE - 2015/863/UE
- EN 60947-1 (2007/A1 : 2011/A2 : 2014)
- EN 60947-3 (2009/A1 : 2012/A2 : 2015)
- EN 60204-1 (2006/A1 : 2009)
- EN 60529 (1991/A1 : 2000/A2 : 2013)
- EN 50581 (2012)
- IEC 63000 (2016)



Available codes



FCR
Internal
cam switch
P016 line



contact open contact close

	FCR001	Single speed 3 positions With mechanical interlock	contacts 3 - 4 1 - 2 - 90° 0 + 90° positions
	FCR002	Single speed 3 positions With mechanical interlock	contacts 7 - 8 5 - 6 3 - 4 1 - 2 - 90° 0 + 90° positions
	FCR003	Single speed 4 positions Without mechanical interlock	contacts 3 - 4 1 - 2 0 90° 180° 270° positions
	FCR004	Single speed 4 positions Without mechanical interlock	contacts - empty 5 - 6 - empty 1 - 2 0 90° 180° 270° positions
	FCR005	Single speed 4 positions Without mechanical interlock	contacts - empty 5 - 6 - empty 1 - 2 0 90° 180° 270° positions
	FCR006	Double speed 4 positions With mechanical interlock	contacts 7 - 8 5 - 6 3 - 4 1 - 2 - 180° - 90° 0 + 90° + 180° positions