GIOVENZANA INTERNATIONAL B.V.

FFH
Position limit switch

NEW

Position limit switch with reduced overall dimensions

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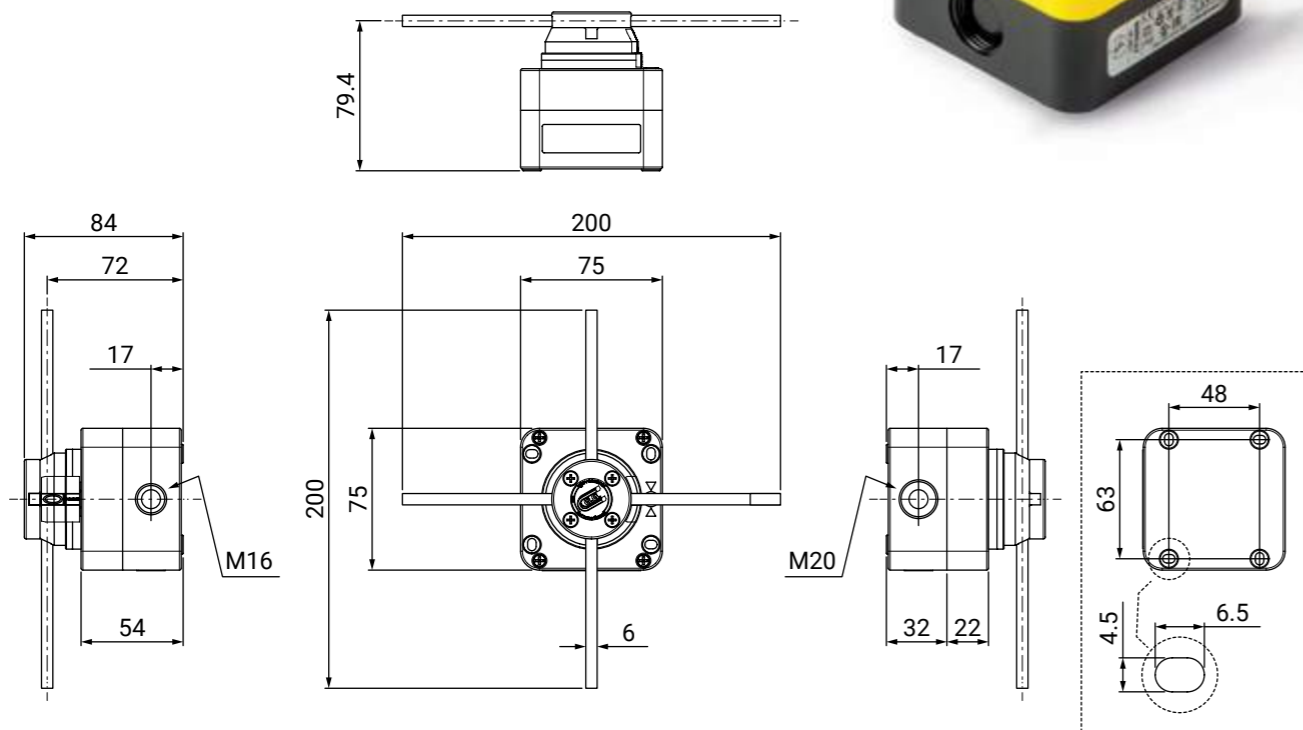
- **Bridge cranes**: the limit switch controls the operating system, for example a PLC, and allows the bridge crane to slow down or stop.
- **Hoists**: the limit switch is used to stop the hoist whenever it reaches a limit position.

Features

- Designed to ensure excellent performances in the most challenging operating conditions.
- Compact design to be adapted in any application need.
- Reduced overall dimensions compared to the historical FCR series.
- 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 2 outputs 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)

Dimensions: 79.4 · 84 · 72 · 17 · 54 · M16 · 200 · 75 · 200 · 75 · 6 · 17 · M20 · 32 · 22 · 48 · 63 · 4.5 · 6.5

FFH
Internal cam switch
P016 line

Available codes

FFH001 — Single speed / 3 positions / With mechanical interlock
Positions: 0, -, +, 90°, 90°

contacts	-90°	0	+90°
3-4	open	open	close
1-2	close	open	open

FFH002 — Single speed / 3 positions / With mechanical interlock
Positions: 0, -, +, 90°, 90°

contacts	-90°	0	+90°
7-8	open	close	close
5-6	open	close	open
3-4	close	open	open
1-2	close	close	open

FFH003 — Single speed / 4 positions / Without mechanical interlock
Positions: 0, 270°, 90°, 180°

contacts	0	90°	180°	270°
3-4	close	open	close	open
1-2	close	open	close	open

FFH004 — Single speed / 4 positions / Without mechanical interlock
Positions: 0, 270°, 90°, 180°

contacts	0	90°	180°	270°
5-6	empty	close	open	close
1-2	close	open	empty	close

FFH005 — Single speed / 4 positions / Without mechanical interlock
Positions: 0, 270°, 90°, 180°

contacts	0	90°	180°	270°
5-6	close	open	empty	close
1-2	close	open	empty	close

FFH006 — Double speed / 4 positions / With mechanical interlock
Positions: 0, -, +, 90°, 90°, 180°

contacts	-180°	-90°	0	+90°	+180°
7-8	close	close	open	close	open
5-6	close	close	open	open	close
3-4	open	open	open	close	close
1-2	open	close	open	close	close