

Eaton hydraulic remote controls

A robust, reliable and precise control solution for the excavator market

Eaton is pleased to introduce its new IP-rated multi-function hydraulic joystick

Eaton hydraulic remote controls (HRCs) lead the market, with the widest range of joysticks, dozer valves and pedal valves. Our HRCs are suitable for harsh and various working conditions, making them ideal for machinery such as excavators, drills, cranes and telehandlers, etc.

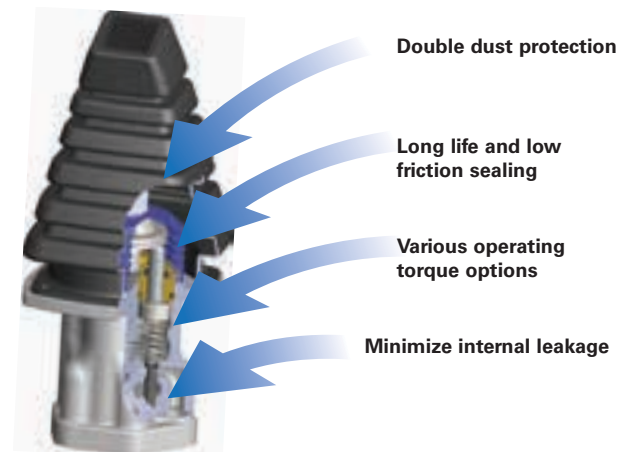


Features and benefits

- Ingress protection rating: Switch box up to IP69K (including IP68).
- Ergonomically friendly joystick features soft handle with hand rest for operator comfort (per ISO 3411).
- Robust proportional switch provides reliable and precise control for different attachments.
- Joystick valves are proven in the market with millions of pieces in the field.
- Precise control and high reliability.
- Increases operator comfort and machine productivity.

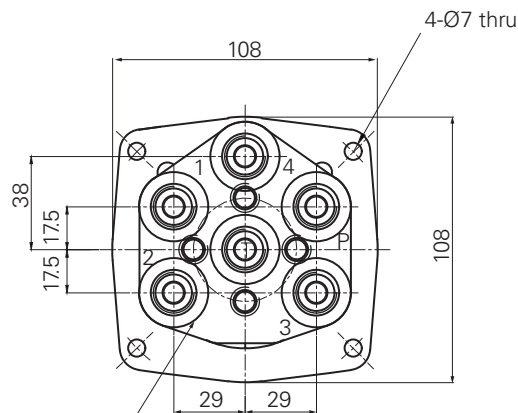
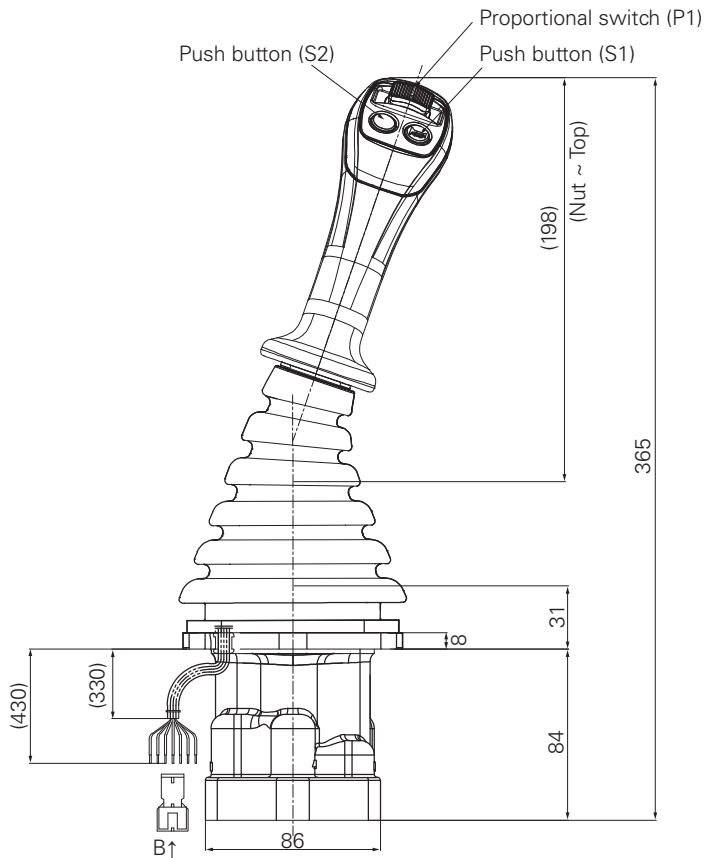
Typical applications

- Excavator and attachments
- Rotary drill
- Crane
- Telehandler
- Wheel loader
- Backhoe loader
- Forklift



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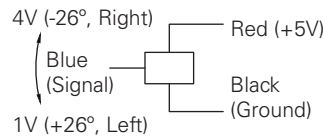
Powering Business Worldwide



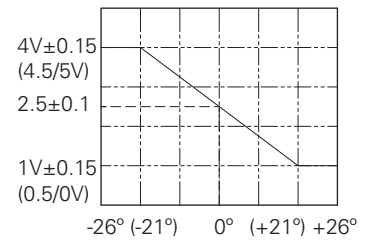
6-PF 1/4 O-ring port*
Fitting tightening torque: 37+3.0 N.m.

Electrical specifications

Proportional switch (p1)

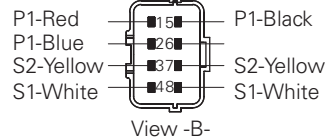


Proportional switch tolerance



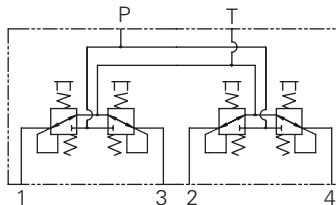
(*Supply voltage range : 5V ± 0.05V)

Connector specification (P1, S1, S2)



Hydraulic specifications

Hydraulic symbol



- **Max P pressure:** 70kgf/cm²
 - **Max T pressure:** 3kgf/cm²
 - **Rated Flow:** 20L/min
 - **Working temperature:** -20~90°C with #46 hydraulic oil
 - **Ports:** G1/4 and G3/8 O-ring recommended, SAE optional
 - **Body:** Aluminum
 - **Mounting PCD:** Ø113, Ø100~113 (only PF1/4-Small body)
- * Multiple port sizes as model code position 6 code 2~7.
- 2 - 6-PF 3/8
 - 3 - 5-PF 3/8, P port 1/4
 - 4 - 6-PF 1/4
 - 5 - 6-5/16-24-UNF
 - 6 - 6-7/16-20-UNF
 - 7 - 6-9/16-18-UNF

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
Eaton Building
4th Floor, No.7 Lane 280 Linhong Rd.
Changning District
Shanghai 200335
China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 2230 7240

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

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