Oil Level Controller

P/N 80.01.21X-XXXX-XX

Dimensions

• length x width	210 mm (8.27") x 120 mm (4.72")
• volume	480 cm³ (29.29 in³)
• weight (incl. 3 float switches, 1.0 m (3.28') lead length)	1.6 kg (3.53 lbs)
• distance of mounting (horizontal)	100 mm (3.94")
• adjustment range (vertical)	30 mm (1.18")
• installation position, from the vertical (permanent/short term)	10°/25°
• sight glass range (standard)	165 mm (6.50")

Connections

• balancing connections (top/rear side)*	G 3/8"
• oil connections (bottom/rear side)*	G 1/2"

** Metric or NPT threads optionally available*

Material

• housing	G-Al Si7 Mg 0.3
• front panel	Al Mg 3
• bolts	1.4403/ANSI 304
• sight glass (standard/optionally)	polycarbonat/borosilicate glass
• gasket front panel (standard/optionally)	NBR (Perbunan)/FKM (Viton)
• clamps srew connections and plugs	Ms nickel-plated
• guide tubes float switches	1.4571/ANSI 316Ti-ø 8 mm (0.31")
• lead (standard/optionally)	PVC/silicone
• lead cross section	2x0.75 mm² (2x0.001 in²)
• lead (standard/optionally)	1 m/4 m (3.28'/13.12')

Corrosion Resistance

• to atmospheric conditions	excellent
• to seawater	very good

Permissible Temperatures

• internal, oil (gasket front panel – NBR/FKM)	90 °C/125 °C (194 °F/257 °F)
• external (PVC-/silicone leads)	80 °C/120 °C (176 °F/248 °F)

Permissible Pressures

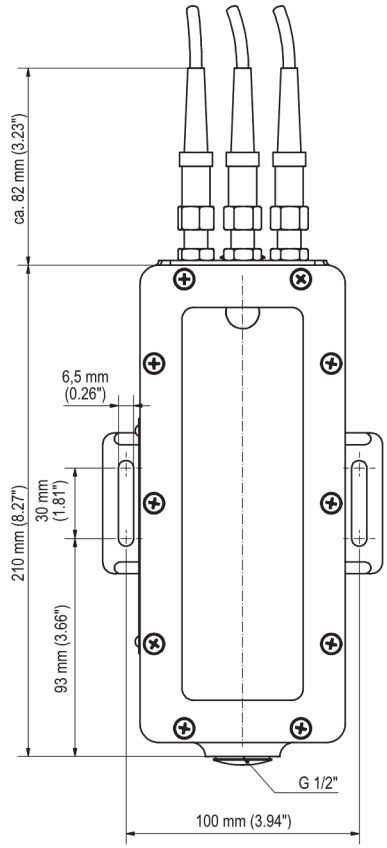
• maximum internal pressure	2.5 bar (36.26 psi)
• maximum test presure	3.5 bar (50.76 psi)

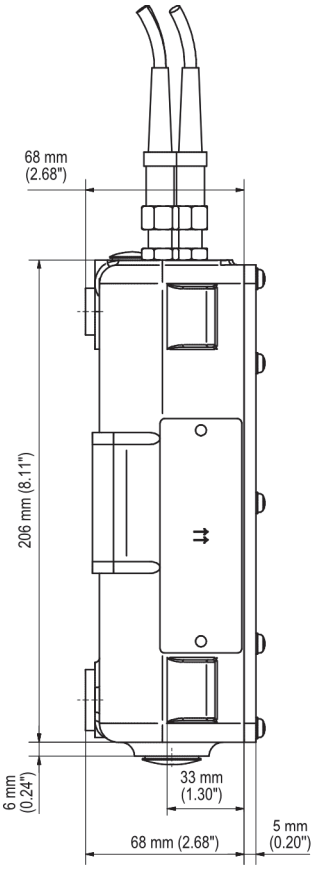
Electrical Data

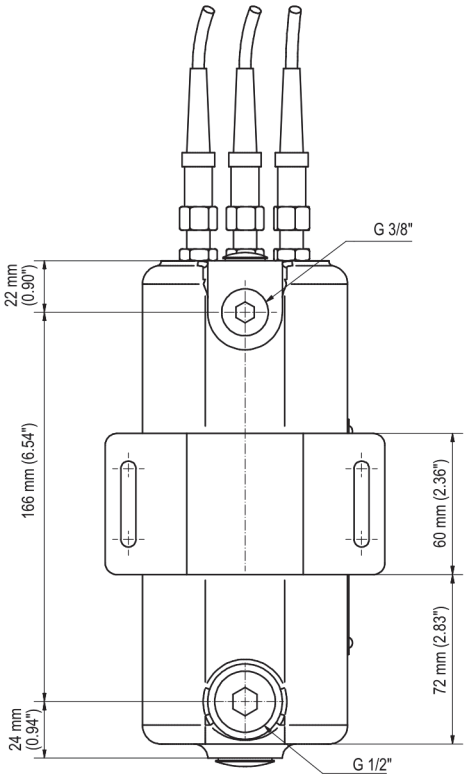
• maximum voltage AC/DC	60 V
• maximum switching current	50 mA
• maximum switching capacity	1.2 W
• resistance (in series with reed contact)	47 Ω
• switching hysteresis	3 to 4 mm (0.11" to 0.16")
• protection class	IP 65
• supply voltage analog sensor	12 VDC to 32 V DC
• length of the adjustment range of the analog sensor	125 mm (4.92'')

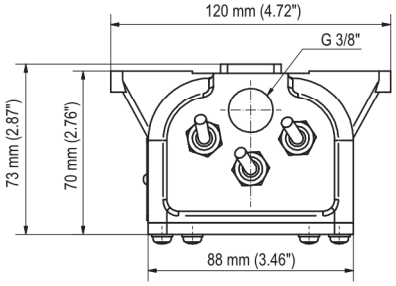
OLC
MOTORTECH OIL LEVEL CONTROLLER

Overview Drawings









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