

MTG-GL-191

REPLACES

AO18-185

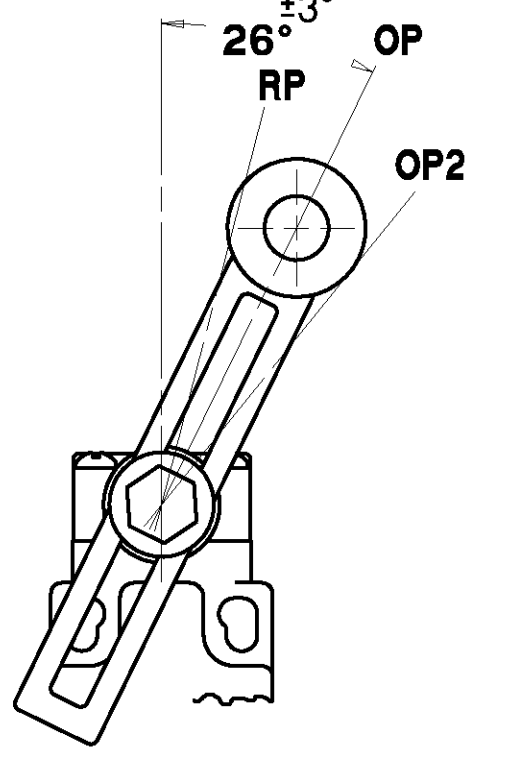
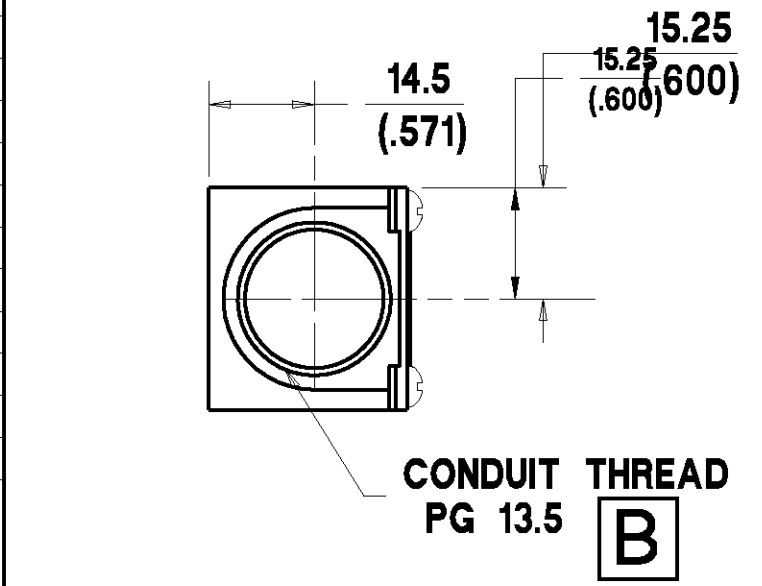
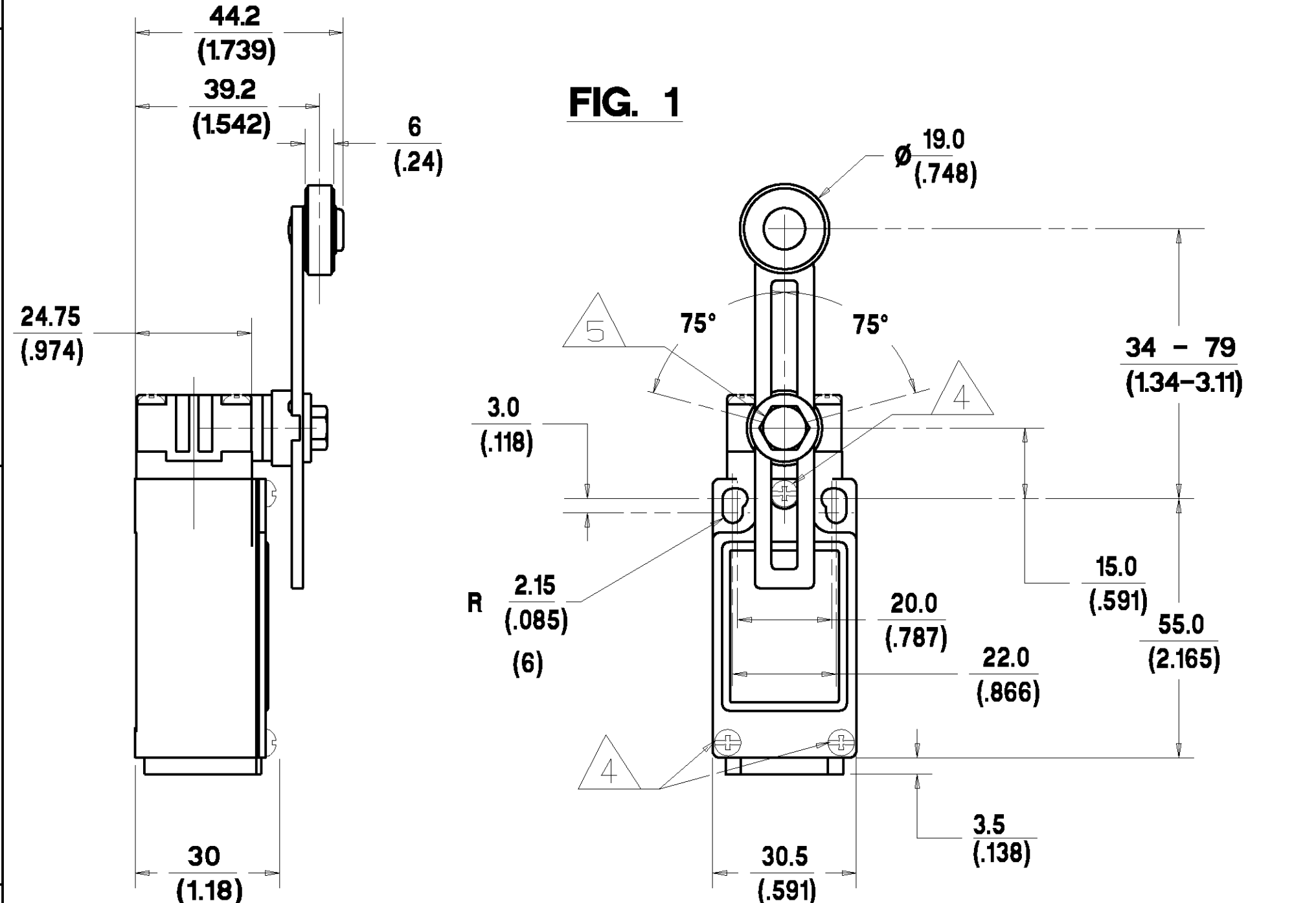
DRAWING NUMBER

6

ISSUE

REVISIONS	
2	7/96
AO18-262	
3	12/96
AO18-293	
4	7/97
CO-000083	
5	8/97
CO-000106	
6	CO/395
I WEIR 6/98	

Honeywell	LIMIT SWITCH	CATALOGUE LISTING
		GLS
		CHART NO. MTG-GL-191



NOTES:-

1. ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY AND COVER FINISHED IN MICRO SWITCH BLUE EPOXY PAINT. HEAD FINISHED IN BLACK EPOXY PAINT.

2. MINIMUM OPERATING VELOCITY (Vmin) = 0.26 rad/s
MAXIMUM OPERATING VELOCITY (Vmax) = 25 rad/s
MAXIMUM OPERATING FREQUENCY (Fmax) = 250 OPS/MIN

3. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) ALL TO EN50047.

4. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm (4.4in.LB)

5. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.8Nm (7in.LB)

NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT NEWHOUSE/FREEPORT APPROVAL

STANDARD SILVER CONTACTS		GOLD PLATED CONTACTS			
ELECTRICAL RATING		ELECTRICAL RATING		ENVIRONMENTAL	
AC		DC			
A300 U _e	AC15 I _e	O300 U _e	DC13 I _e	I _{th} = 10A	
VOLTS AMPS 120 6 240 3		VOLTS AMPS 125 0.55 250 0.27		IV 10μA MIN. 50V 100mA MAX.	
				IP66 NEMA 1, 4, 12, 13 TEMP RANGE : -25°C TO 85°C -13°F TO 185°F STORAGE : -40°C TO 85°C -40°F TO 185°F SHOCK : 50G PER IEC 68-2-27 VIBRATION : 10G PER IEC 68-2-6	
				IEC 947-5-1 EN50047	
THE COPYRIGHT OF THIS DRAWING IS THE PROPERTY OF HONEYWELL LTD. THE DRAWING IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED.				THIRD ANGLE PROJECTION	SCALE 1:1
				DIMENSIONS ARE IN MM/INCHES.	MODIFY ON CAD SYSTEM ONLY

SNAP-ACTION CONTACTS 	SLOW-ACTION CONTACTS (BREAK BEFORE MAKE) 	SLOW-ACTION CONTACTS (MAKE BEFORE BREAK) 	SLOW-ACTION CONTACTS (2 NORMALLY CLOSED) 	CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013
				NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED CONTACT OPEN * POSITIVE OPENING TO IEC 947-5-1-3
120 (1.1)	110 (1.0)	110 (1.1)	110 (1.0)	NORMAL OPERATING TORQUE MAX Nmm (in.lbs)
140 (1.3)	160 (1.5)	170 (1.6)	150 (1.4)	MAXIMUM DISCONNECT TORQUE Nmm (in.lbs)

FIG. 2

FIG. 3

MODIFICATION CODE

GLC XX A2 X-X XXXX

01 OR 07
03 OR 33
04 OR 34
06 OR 36

BASIC SWITCH WITH SILVER CONTACTS
BASIC SWITCH WITH GOLD PLATED CONTACTS

SIDE ROTARY ACTUATOR (SEE FIG. 1)

ROLLER MATERIAL A = PLASTIC ; B = METAL.

HEAD ORIENTATION & LEVER DIRECTION OF OPERATION. (SEE FIG. 3)

CONDUIT THREAD (SEE FIGS. 1, 2 & 3)

EN50047 BODY TYPE (SEE FIG. 1)

1/2" NPT X 1/4 CONDUIT THREAD ADAPTER

PG 13.5 CONDUIT THREAD

M20 X 1.5 CONDUIT THREAD

PF 1/2 CONDUIT THREAD

BLANK = NO ROLLER FITTED.

BLANK = LEVER TO FRONT, SWITCHING IN BOTH DIRECTIONS.

CABLE 5 WIRE, WITH GROUND, LAST CHARACTER IS CABLE LENGTH I = IMTR. CABLE LENGTHS ARE FROM 1 TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR .4 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR .5 PIN MICRO TWIN KEYWAY. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR .4 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR .5 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR .5 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

NOTE: FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, ENVIRONMENTAL & DIMENSIONAL INFORMATION SEE DRAWING GL-4922.