Honeywell

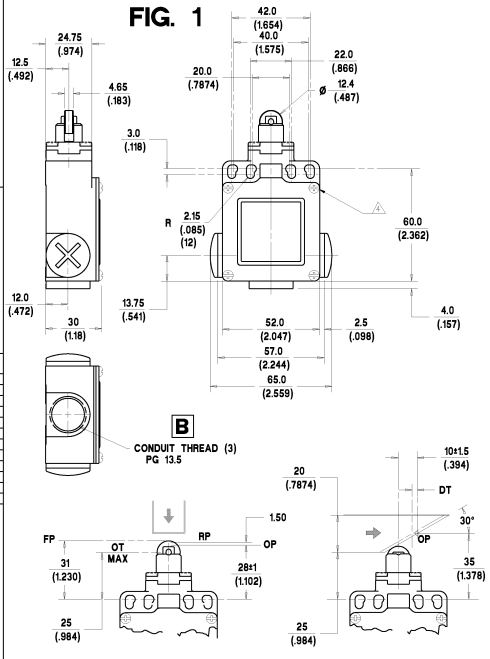
LIMIT SWITCH

CATALOGUE LISTING: GLS

CHART NO.: MTG-GL-179

MTG-GL-179

FIG. 1

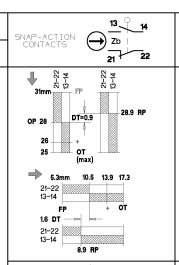
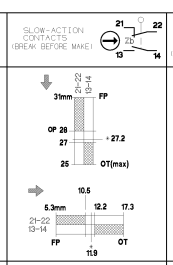
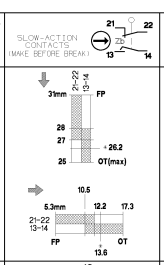
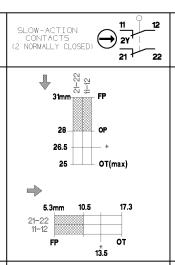
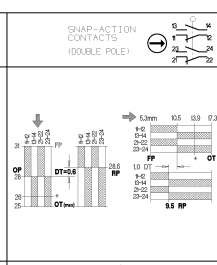


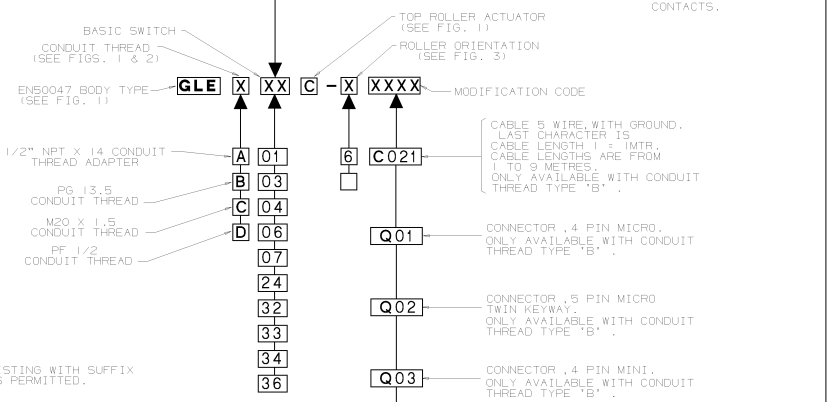
NOTES:-

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) = 1.0 MM/S — MAXIMUM OPERATING VELOCITY (Vmax) = 100 MM/S — MAXIMUM OPERATING FREQUENCY (Fmax): 250 OPS/MIN. *(THESE LIMITS APPLY TO LINEAR OPERATION AS SHOWN IN THE ABOVE DIAGRAMS ONLY)*
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)

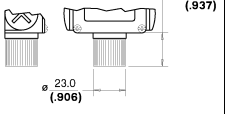
NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT NEWHOUSE/FREEPORT APPROVAL

	SNAP-ACTION CONTACTS	SLOW-ACTION CONTACTS (BREAK BEFORE MAKE)	SLOW-ACTION CONTACTS (MAKE BEFORE BREAK)	SLOW-ACTION CONTACTS (2 NORMALLY CLOSED)	SNAP-ACTION CONTACTS (DOUBLE POLE)	CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013
						
NORMAL OPERATING FORCE MAX	16 (3.6)	14 (3.2)	16 (3.6)	13 (2.9)	13 (2.9)	N (lbf)
MAXIMUM DISCONNECT FORCE	23 (5.2)	24 (5.4)	27 (6.1)	23 (5.2)	24 (5.4)	N (lbf)
	01 OR 07	03 OR 33	04 OR 34	06 OR 36	24 OR 32	
	BASIC SWITCH WITH SILVER CONTACTS					
	BASIC SWITCH WITH GOLD PLATED CONTACTS.					



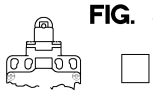
NOTE:- ANY STANDARD LISTING WITH SUFFIX 'RS' OR 'FE' IS PERMITTED.

FIG. 2

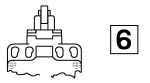


1/2" NPT X 14 CONDUIT THREAD ADAPTER **A**

FIG. 3



BLANK = STANDARD HEAD ORIENTATION WITH ROLLER PARALLEL TO MOUNTING SURFACE (AS SHOWN IN FIGURE 1)



HEAD ORIENTATION WITH ROLLER PERPENDICULAR TO MOUNTING SURFACE

NOTE: FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, ENVIRONMENTAL & DIMENSIONAL INFORMATION SEE DRAWING GL-49212.

NOTE:- CABLE AND CONNECTOR WILL BE FITTED TO BOTTOM EXIT CONDUIT ONLY. OTHER OPTIONS CUSTOMER SPECIAL 'N' LISTING.

STANDARD SILVER CONTACTS	GOLD PLATED CONTACTS
ELECTRICAL RATING	ELECTRICAL RATING
AC: A300 AC15 Ue 120 240 / Ie 6 3 — DC: Q300 DC13 Ue 125 250 / Ie 0.55 0.27	I_{th} = 10A; 1V 10µA MIN. 50V 100mA MAX.

ENVIRONMENTAL: 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

APPROVALS: IEC 947-5-1, EN50047

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THIRD ANGLE PROJECTION — SCALE 1:1 — DIMENSIONS ARE IN MM/(INCHES). — MODIFY ON CAD3D SYSTEM ONLY

ISSUE	DRAWING NUMBER	RELEASE NUMBER	REMARKS
9		A018-39	

REVISIONS

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