Honeywell

Honeywell Sensing and Control

GLGC12B

Global Limit Switches Series GLS: Top Plunger, 1NC 1NO SPDT Snap Action, 20 mm

Actual product appearance may vary.

Features

Designed to IEC standard for world-wide applications
UL, CSA, and CE
International conduit sizes
Direct PLC interface compatible (two circuit)
Modular construction reduces maintenance parts costs
Designed for ease of installation
Variety of basic switch versions
Wide choice of actuators

Potential Applications

Machine tools: metal fabrication equipment, presses, transfer lines and special machinery
Material handling equipment: conveyors, elevators, cranes, and hoists
Packaging machinery and process equipment
Textile machinery
Construction machinery and equipment, vehicles and lift trucks

Description

The GLS series limit switches are specifically designed for world-wide applications and are supported by Honeywell global resources for sale and after sale service.

Supporting Documentation

▶ **Installation Instructions**   ▶ **Instructions for reading bar charts**   ▶ **Engineering Drawing**

Product Specifications	
Availability	Global
Operating Force (O.F.)	16,0 N [3.60 lb]
Pretravel (P.T.)	2,5 mm [0.10 in]
Overtravel (O.T.)	4,5 mm [0.18 in]
Differential Travel (D.T.)	0,9 mm [0.035 in]
Product Type	EN50041/47 Global Limit Switch
Actuator	Top Plunger
Lever Style	None
Circuitry	1NC 1NO SPDT Snap Action
Ampere Rating	1 mA to 100 mA
Supply Voltage	12 Vac/Vdc to 250 Vac/Vdc
Housing Material	Zinc Die-Cast
Termination Type	20 mm
Housing Type	EN50041+ 1 LED+ Plug-in
Series Name	GLS DIN
Shock	50 g per IEC 68-2-27c (w/o Actuator)
Vibration	10 g per IEC 68-2-6 (w/o Actuator)
Sealing	NEMA 1, 4, 12, 13 IP67
Approvals	UL, CSA, CE
CSA File #	LR94369-3
UL File #	E37138 & E157416
Mechanical Life	15 million
Operating Temperature Range	-25 °C to 85 °C [-13 °F to 185 °F]
Agency Approvals and Standards	IEC 947-5-1, EN60947-5-1, UL508
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial
Operating Position (O.P.)	35,0 mm [1.38 in]