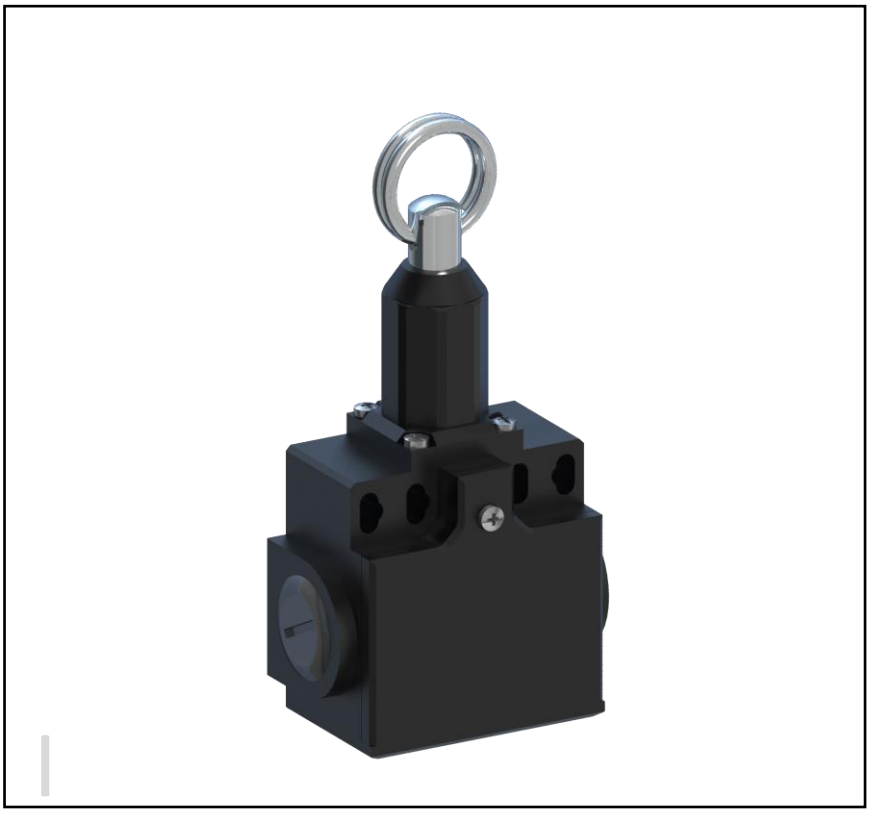
Features

- Many applications
- Pull action with ring
- Thermoplastic
- Two cable inlet

RS PRO Limit Switches

RS Stock No.: 0830142



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

They are purpose-built detection devices thanks to these characteristics:
- *Presence/absence.*
- *Positioning and travel limit.*
- *Objects passing/counting.*

General Specifications

Actuator Type	Pull action with ring
Normal State Configuration	1NO + 1NC
Contact Type	Non-overlapping slow action contacts
Operating Frequency	3600 operations/hour max.
External Coating	Thermoplastic
Colour	Black
Applications	Various

Materials	
Housing Material	Thermoplastic
Ring	AISI 302

Electrical Specifications

Output Type	Analogue
Maximum Current	10A
Maximum AC Voltage	400V
Maximum DC Voltage	250V
Frequency	50-60Hz

Cable connection	0.75 … 2.5 mm2
Cable inlet	Two cable inlets for M20x1.5 cable glands
Terminal Type	M3.5 screw with cable clamp (+,-) pozidriv 2
Contact Resistance	25mOhm max.
Rated Insulation Voltage	500V
Impulse Withstand Voltage Uimp	6KV

Mechanical Specifications

Operating Force	30N
Mounting Orientation	Side-Mount
Dimensions	57mm x 117.5mm x 33mm
Width	20-22mm / 40-42mm
Mechanical Life (Minimum)	10000000 Operations
Weight	145g

Operation Environment Specifications

Maximum Operating Temperature	70°C
Minimum Operating Temperature	-25°C
Ambient Temperature	-25°C to 70°C

Protection Category

IP Rating	IP65
Class of Protection Against Electric Shock	Class II

Classification

eCl@ss Version	-
UNSPSC Version	-

Approvals

Compliance/Certifications	CE - UKCA
Standards Met	IEC 60947-5-1, EN 60947-5-1

Similar Products

Parameters	Stock#	Stock#	Stock#	Stock#
Brand	RS RPO	RS RPO	RS RPO	RS RPO
Actuator Type				
Pole and Throw Configuration				
Normal State Configuration				
Contact Type				
Position Indicator				
Operating Speed				
Output Type				
Maximum Current				
Maximum AC Voltage				
Maximum DC Voltage				
Frequency				
Connection Type				
Terminal Type				
Switches				
Contact Resistance				
Rated Insulation Voltage				
Impulse Withstand Voltage				
Insulation Resistance				
Operating Force				

Mounting Orientation				
Cable Length				
Dimensions				
Length				
Width				
Depth				
Shaft				
Mechanical Life (Minimum)				
Contact Gap				
Weight				
Maximum Operating Temperature				
Minimum Operating Temperature				
Shock Resistance				
Vibration Resistance				
IP Rating				
Class of Protection Against Electric Shock				
Standards Met				
Hazardous Area Certification				

CONSTRACTIONAL/SCHEMATIC DIAGRAMS / INSTALLATION METHODS / ILLUSTRATIONS