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Bernstein SRM rope-pull switches

Forward thinking for safety solutions

For greater safety on the production line: Introduction

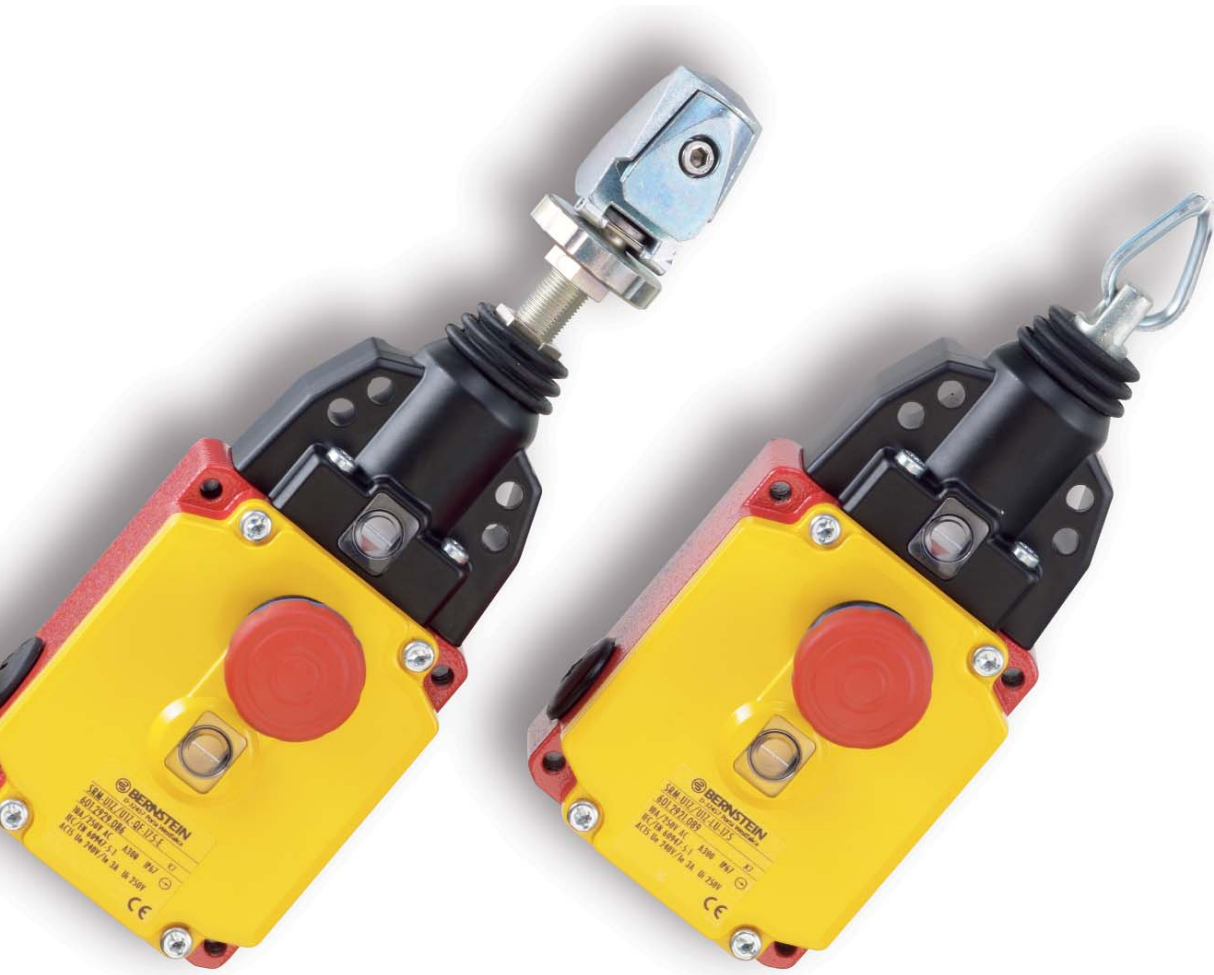
Whether on the production line or at the machine – when maximum safety in a company's production area is concerned, rope-pull safety switches provide a proven and reliable technical solution.

Now, with its new SRM range, Bernstein is showing that even the proven best can be improved – and not just in the detail. Because SRM rope-pull safety switches from Bernstein can be deployed anywhere, are easy to install, and very straightforward to use. And most important of all – they provide maximum safety when you need it.

A good safety solution is so simple

Whether a first-time installation or a refit – installing SRM rope-pull safety switches could not be easier – and the same applies in use.

- Easy to fasten due to hole template patterns common for most rope-pull safety switch models
- Flexible handling with three M20 x 1.5 cable entrances
- Faster, easier, and more economical structure with Quick-fix clamping head
- Large connection area makes for easy installation
- Straightforward to handle thanks to easy-to-read switching state display



A hand turn: Quick-Fix quick action clamping head

Everything to hand: The emergency palm button

Clear to view: Rope status display

Introducing the new Bernstein SRM rope-pull safety switch

Safety when you need it

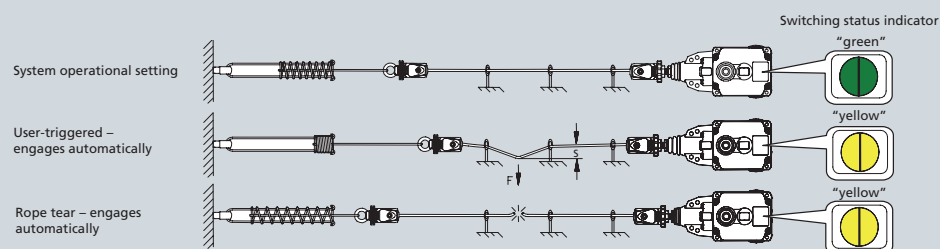
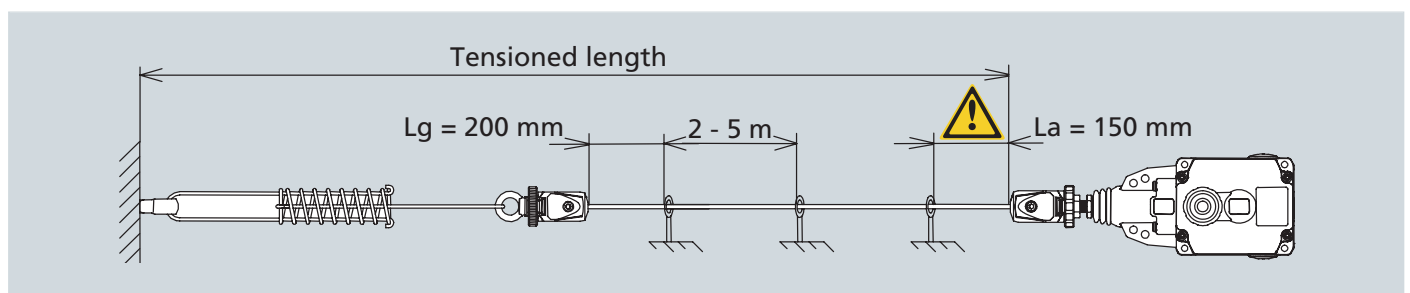
Bernstein SRM rope-operated safety switches comply with the highest safety requirements – even exceeding these in many aspects.

- Patented electronic advance malfunction monitoring for early detection of a change in the rope tension
- Rope status display allows correct setting and inspection
- Tamper-proofed with cover over the mechanical parts
- Connection area and mechanical components are separate for extra safety
- Now, even clearer with dual-function palm-button (emergency stop and pull release)
- Slow-action and snap functions with up to four direct openers and/or slow-action-close contacts
- Separate-action mounting switches

The weather-proof all-rounder at a fair price

The new SRM rope-pull safety switches also perform reliably in extreme conditions. This is due in particular to their extremely robust manufacturing process – which, moreover, thanks to their improved structure – does not cost the world.

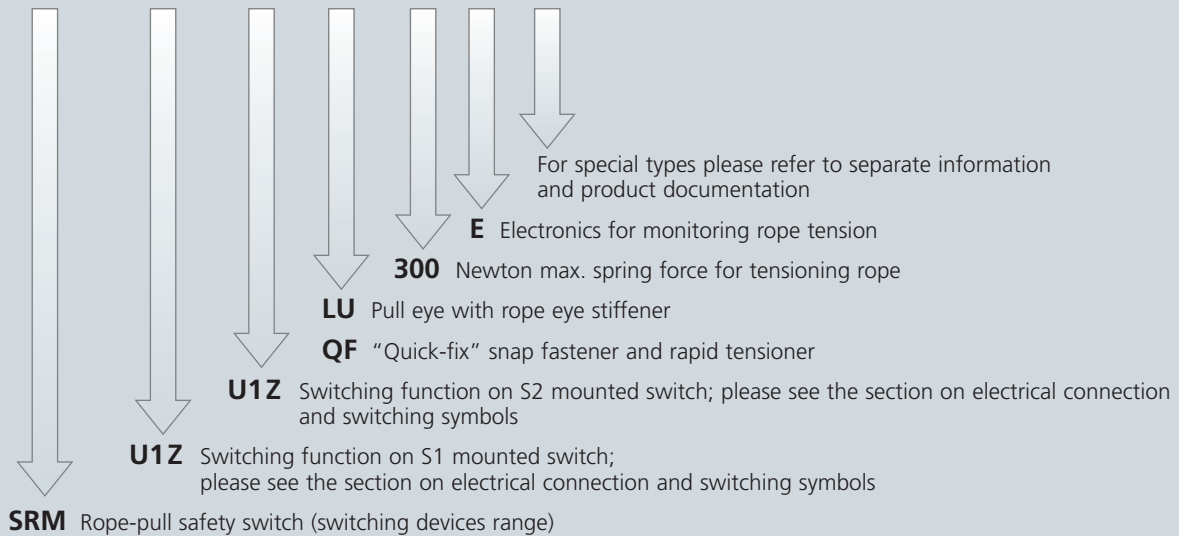
- Its rating under safety class IP67 means that it can be used for many applications
- Stable and durable metal housing
- Outer sleeve provides optimum protection of the tension bolt holder
- Also suitable for outdoor use
- Can be deployed at temperatures between -30 °C and +80 °C



... and the switching status indicator

Schaltprogramm und Schaltsymbol					
Schaltglied	U1Z	SU1Z	A2Z	SA2Z	E2
Kontaktart	1 Öffner, 1 Schließer (Zb)	1 Öffner, 1 Schließer (Zb)	2 Öffner (Zb)	2 Öffner (Zb)	2 Schließer
Schaltsymbol					
Schaltprogramm	Schleichschaltglied	Sprungschaltglied	Schleichschaltglied	Sprungschaltglied	Schleichschaltglied
Schaltprogramm	<p>Die Angaben der Zugkraft sind vom verwendeten Typ abhängig. (SRM...175/SRM...300)</p> <p>■ Ein □ Aus</p> <p>Toleranzen: Schaltpunkt +/- 0,5 mm Betätigungskraft +/- 15 %</p>				
	 +6mm 175N/300N +4mm Rastung 0mm 133N/228N -4mm Rastung -6mm 91N/156N	 +6mm 175N/300N +5,7mm Rastung +4mm 0mm 133N/228N -4mm Rastung -5,7mm 91N/156N -6mm	 +6mm 175N/300N +5,7mm Rastung +4mm 0mm 133N/228N -4mm Rastung -5,7mm 91N/156N -6mm	 +6mm 175N/300N +4mm Rastung +4mm 0mm 133N/228N -4mm Rastung -4,8mm 91N/156N -6mm	 +6mm 175N/300N +4mm Rastung +4mm 0mm 133N/228N -4mm Rastung -6mm 91N/156N

The name is the identification e.g. SRM-U1Z/U1Z-QF-300-E-...



Easy to use: Cable entrances...



... and large connection area



Optimum protection: the outer sleeve



Further safety technology in the Bernstein range

Limit switches



- Encapsulated by metal and insulating material, with operator protection

Safety switches



- Encapsulated by insulating material with separate actuator

Safety interlocking switches



- Encapsulated by insulating material with separate actuator

Spring or magnetic locking

Safety rope pull switches



- Insulating material housing



- Encapsulated by insulating material with separate actuator



- Metal housings with separate actuator

Spring or magnetic locking

Emergency Stop button



- With rotation unlocking or key unlocking



- Metal housings with separate actuator

Safety relay



- Up to control category 4 according to EN 945-1



- Encapsulated by insulating material with integrated actuation

Safety sensors



- Safety light curtains, multi-beam light barrier



- Encapsulated by insulating material with integrated actuation



- Switching hinge SHS3 with integrated fine adjustment system



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