

Pull-rope Emergency Switches SNx

Project specific range of pull-rope emergency switches designed to meet all market requirements expanding the existing MEYLE safety switches for conveyor belt line covering all markets and applications.

SNM up to 50m
Mini Duty



SNS up to 80m
Standard Duty



SNHDL/R Single Head up to 125m
Heavy Duty



SNS-SS up to 100m
Stainless Steel



SNHD Dual Head 250m
Heavy Duty



Using Pull-rope Emergency Safety Switches SNx

This pull-rope switches line is designed to be mounted on machines and sections of conveyors which cannot be protected by guards. In contrast to traditional mushroom head type Emergency Stop buttons, Safety Rope Switches can initiate the emergency command from any point along the installed rope length and provide robust Emergency Stop Rope Pull protection for exposed conveyors or machines.

In combination with a dual channel safety monitoring relay these Safety Rope Systems can be used as emergency stop devices monitored for up to Category 4 to EN 954-1. All pull-rope Safety Emergency stop switches conform to European Standard EN 418 and IEC 947-5-5. They have a positive mechanical linkage between the switch contacts and the wire rope. The switches have wire-breakage monitoring.

On pulling the rope the safety contacts are positively opened and the auxiliary contacts are closed. The switches are mechanically latched and can then only be returned to the operational condition by a pressing the blue reset button as required by EN418.

An optional 2 colour LED indicator is available to enable switch status to be viewed from a distance.

Mushroom Type Emergency Stop Button.

Can be installed or repositioned Left or Right after installation.

Tension Indicator.

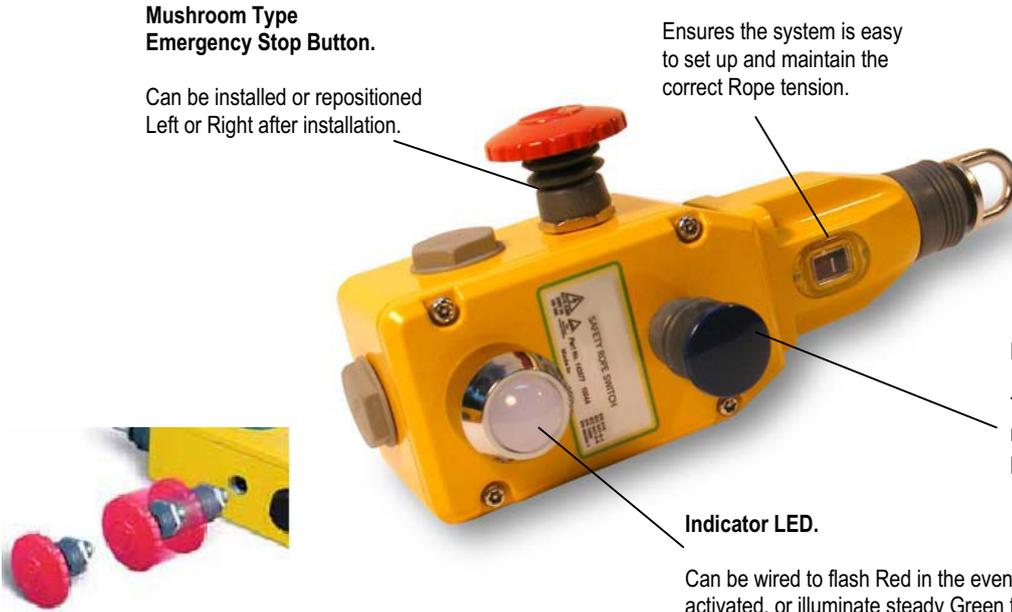
Ensures the system is easy to set up and maintain the correct Rope tension.

Reset Button.

The Blue Button must be pushed to reset the switch following activation by pulling or slackening of the Rope.

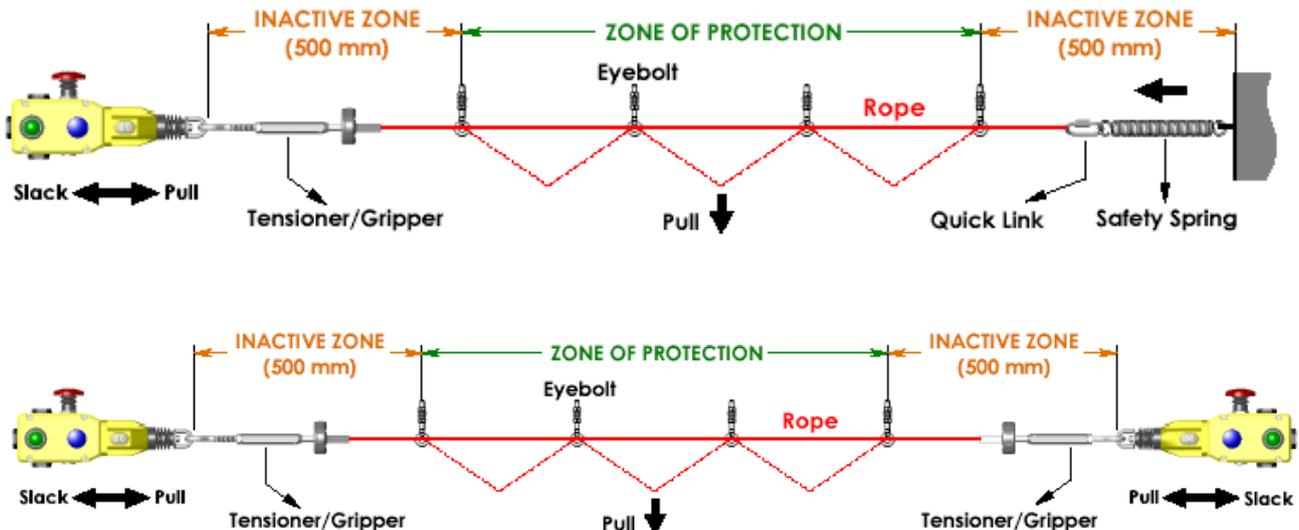
Indicator LED.

Can be wired to flash Red in the event of the Rope being pulled – switch activated, or illuminate steady Green to indicate a reset switch in Machine 'Run' state. Visible from long distances.



System set up:

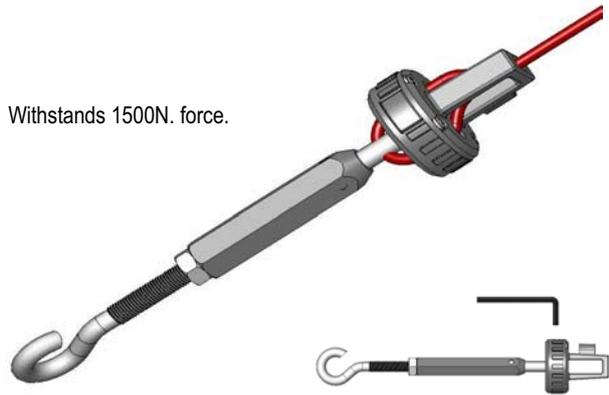
Rope support eyebolts must be fitted at 2.5 m. min. to 3m. maximum intervals along all rope lengths between switches. The rope must be supported no more than 500mm from the switch eyebolt or Safety Spring (if used). It is important that this first 500mm is not used as part of the active protection coverage. When using one switch the rope must be anchored at the other end using a Safety Spring. When using a Safety Spring a maximum of one corner pulley only may be used to ensure complete lengths of rope are visible to either the switch or the spring anchorage.



Reliable connectivity:

Tensioning of rope is achieved by the use of new Tensioner / Gripper accessory. Traditional turnbuckle and clamp systems are difficult to tension and adjust and frequent re-tensioning or maintenance is normally required of either the turnbuckle or the clamps. Viewing of the switch tension window is difficult.

For greater reliability and ease of installation the Tensioner / Gripper accessory significantly reduces the installation time by offering an eyehook and tensioner thimble and high strength gripper in one assembly to enable rapid connection to the switch eyebolts and fast and accurate tensioning of the Rope. By being in close proximity to the switch viewing window systems can be easily tensioned accurately and quickly. The double clamp mechanism prevents rope slippage and significantly reduces machine 'down time' which can occur with traditional turnbuckle systems.

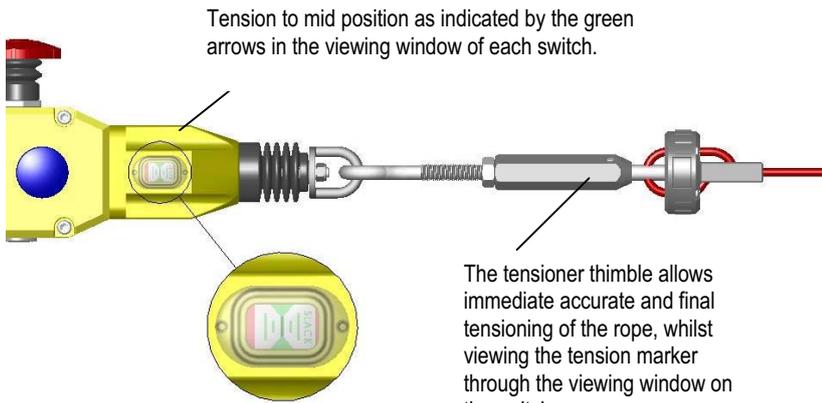


Withstands 1500N. force.

The end of the safety rope is fed through a central hole in a cone shaped guide which protrudes from the main housing.

After being fed through the guide hole the rope enters the main housing by going through a feed hole and then is looped back through 180 degrees and is fed through a second feed hole on the opposite side of the mechanism.

The rope is then pulled for maximum tension and is locked in position by a locking bar inside the main housing which is moved by turning an Allen type locking bolt.

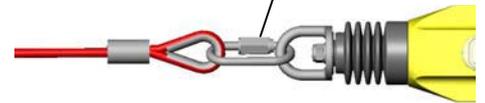


Tension to mid position as indicated by the green arrows in the viewing window of each switch.

The tensioner thimble allows immediate accurate and final tensioning of the rope, whilst viewing the tension marker through the viewing window on the switch.



For systems up to 50m. a Quick Link termination is provided for easy connection to either a Safety Spring or Switch eyebolt.



(Note for systems above 50m. a Tensioner / Gripper is required each side).

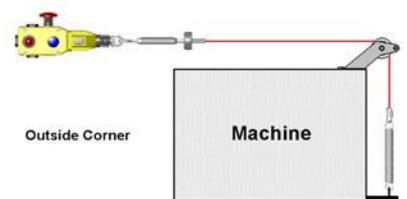
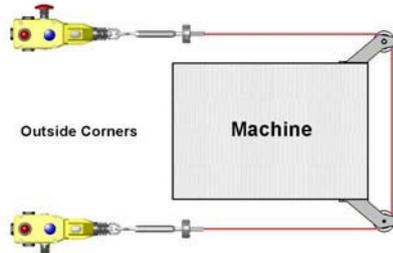
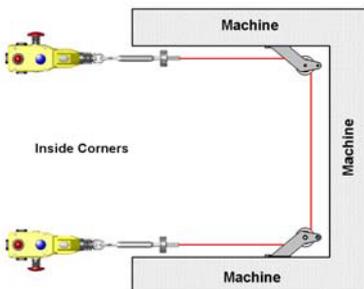
Navigating Corners:

Because of the added friction on the eyebolts and rope when navigating corners, the unique 'universal' pulley can be used to navigate inside or outside corners without causing damage to the rope. They are Stainless Steel and can be rigidly mounted.



Universal Pulley

Examples of using the Universal Pulley:



Pull-rope Emergency Switches for Mini Duty – Type SNM

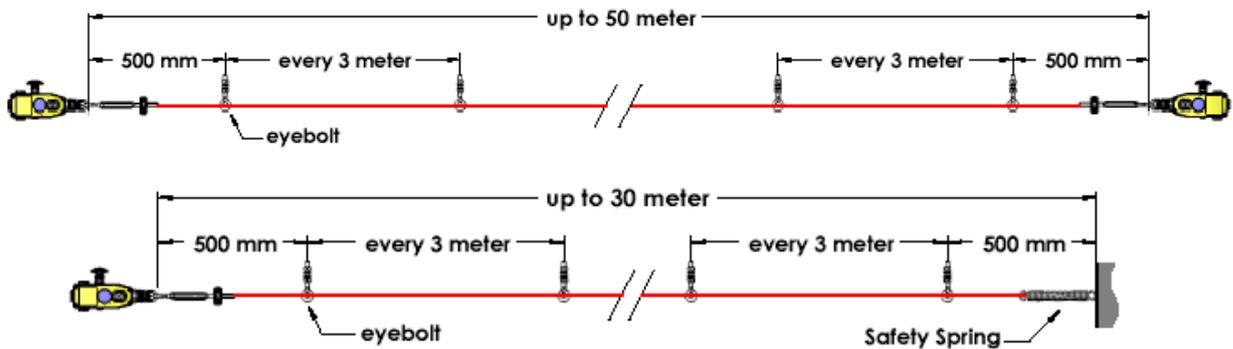
Protection up to 50 meters

The SNM a compact yet robust die-cast Mini Duty Safety Rope Pull switch designed to protect short conveyor lengths where protection is required up to 50m using two switches or up to 30m using a single switch.

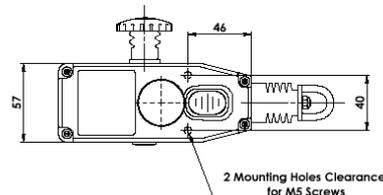
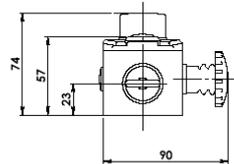
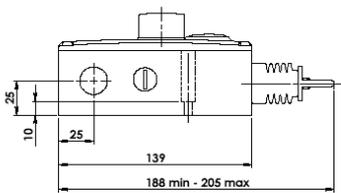
They provide reliable, cost effective safety solutions for conveyor systems and can be enhanced by adding external mushroom type E Stop at the switch or bi-colour LED available to show switch status from a distance.

They have a choice of 3 or 4 pole contacts to ensure flexibility with all modern control applications.

Rugged integral sealing bellows means they can be high pressure hosed.



It is recommended when using a Safety Spring that a maximum of one corner pulley is used.



All Dimensions in mm

Type Number	Conduit	Contacts	Fittings
3001	M20	2NC 1NO	
3002	1/2" NPT	2NC 1NO	
3003	M20	3NC	
3004	1/2" NPT	3NC	
3005	M20	2NC 1NO	E Stop
3006	1/2" NPT	2NC 1NO	E Stop
3007	M20	3NC	E Stop
3008	1/2" NPT	3NC	E Stop
3050	M20	3NC 1NO	
3051	1/2" NPT	3NC 1NO	
3052	M20	2NC 2NO	
3053	1/2" NPT	2NC 2NO	
3054	M20	4NC	
3055	1/2" NPT	4NC	
3056	M20	3NC 1NO	E Stop
3057	1/2" NPT	3NC 1NO	E Stop
3058	M20	2NC 2NO	E Stop
3059	1/2" NPT	2NC 2NO	E Stop
3060	M20	4NC	E Stop
3061	1/2" NPT	4NC	E Stop
3062	M20	3NC 1NO	LED
3063	1/2" NPT	3NC 1NO	LED
3064	M20	2NC 2NO	LED
3065	1/2" NPT	2NC 2NO	LED
3066	M20	3NC 1NO	E Stop & LED
3067	1/2" NPT	3NC 1NO	E Stop & LED
3068	M20	2NC 2NO	E Stop & LED
3069	1/2" NPT	2NC 2NO	E Stop & LED

Standards:	IEC 947-5-1 UL508	IEC947-5-5 BS 5304	EN 418
Enclosure / Cover	Die-Cast – Painted Yellow		
External Parts	Steel		
IP Rating	IP67		
Rope Spans	50m		
Rope Tension device	Tensioner / Gripper – Quick Fixing		
Rope Type:	4.0 - 5.0 mm Outside Dia. Steel inner – PVC sheath		
Mounting	2 x M5		
Mounting position	Any		
Conduit entries	3 x M20 or 3 x 1/2" NPT by part number		
Torque settings	Mounting M5 4.0 Nm Lid Torx T20 M4 1.5 Nm Terminals 1.0 Nm		
Ambient Temperature	-25C 80 C		
Vibration resistance	10-500Hz 0.35mm		
Shock resistance	15g 11ms		
Tension Force (typical mid setting)	130N.		
Typical Operating Force (Rope pulled)	< 125N. < 300mm Deflection		
Mechanical Life	1,000,000 operations		
Weight	670 g.		
Contact type	IEC 947-5-1 Double break Type Zb Snap Action up to 3NC (positive break) up to 1NO (Auxiliary)		
Contact Material	Silver		
Termination	Clamp up to 2.5 sq. mm conductors		
Rating	Utilisation Category: AC15 A300		
Operational Rating	240V. 3A.		
Thermal Current (Ith)	10A.		
Rated Insulation Voltage (Ui)	500V.		
Withstand Voltage (Uimp)	2500V.		
Short Circuit Overload Protection	Fuse Externally 10A. (FF)		

Pull-rope Emergency Switch for Standard Duty– Type SNS



Protection up to 80 meters

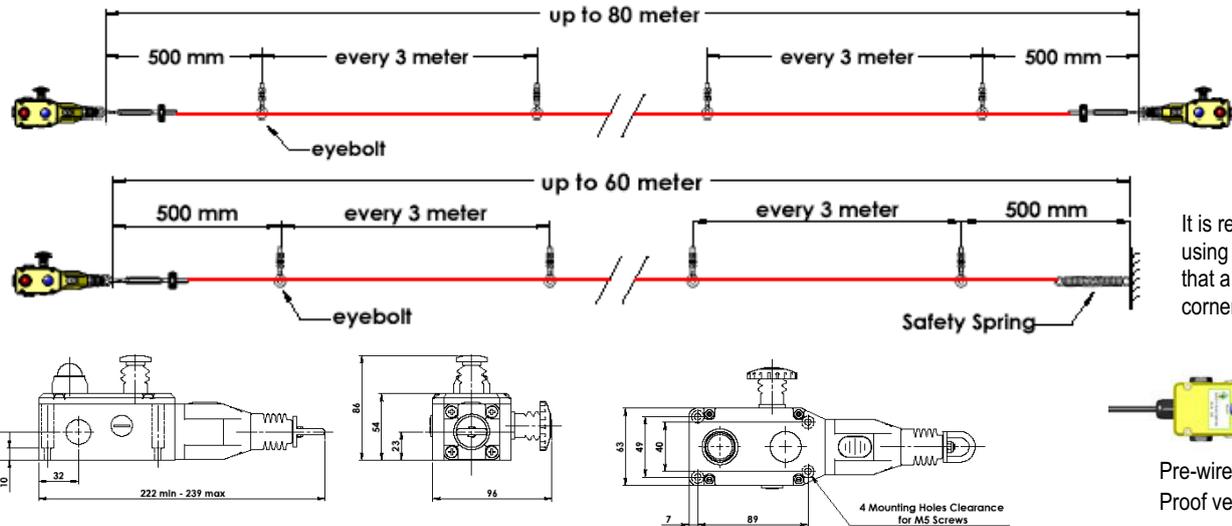
The SNS a General Duty robust die-cast Safety Rope Pull switch designed to protect conveyor lengths where protection is required up to 80m using two switches or up to 60m using a single switch.

They provide a reliable general purpose safety solution for conveyors and offer a choice of fittings depending upon the application.

They can be supplied with a mushroom type Emergency Stop button which can be fitted to the side of the switch to offer an extra traditional Emergency Stop function close to the switch, or can be fitted later after installation without any extra wiring.

A bi-colour LED is available to show switch status from a distance and they have a choice of 3 pole, 4 pole or Explosion Proof contact blocks to ensure flexibility with all modern control applications.

Rugged integral sealing bellows means they can be high pressure hosed and the choice of materials makes them suitable for inside or outside use.



It is recommended when using a Safety Spring that a maximum of one corner pulley is used.



Pre-wired Explosion Proof versions

All Dimensions in mm

Standards:	IEC 947-5-1 IEC947-5-5 EN 418 UL508 BS 5304
Enclosure / Cover	Die-Cast – Painted Yellow
External Parts	Stainless Steel
IP Rating	IP67
Rope Spans	Up to 80m
Rope Tension device	Tensioner / Gripper – Quick Fixing
Rope Type:	4.0 mm Outside Dia. Steel inner – PVC sheath
Mounting	4 x M5
Mounting position	Any
Conduit entries	3 x M20 or 3 x 1/2" NPT by part number
Torque settings	Mounting M5 4.0 Nm Lid T20 Torx M4 1.5 Nm Terminals 1.0 Nm
Ambient Temperature	-25C 80 C
Vibration resistance	10-500Hz 0.35mm
Shock resistance	15g 11ms
Tension Force (typical mid setting)	130N.
Typical Operating Force (Rope pulled)	< 125N. < 300mm Deflection
Mechanical Life	1,000,000 operations
Weight	820 g.
Contact type	IEC 947-5-1 Double break Type Zb Snap Action up to 4NC (positive break) 2NO (Auxiliary)
Contact Material	Silver
Termination	Clamp up to 2.5 sq. mm conductors
Rating	Utilisation Category : AC15
Operational Rating	240V. 3A.
Thermal Current (Ith)	10A.
Rated Insulation Voltage (Ui)	500V.
Withstand Voltage (Uimp)	2500V.
Short Circuit Overload Protection	Fuse Externally 10A. (FF)
Explosion Proof Contact Block Classification	Optional EEx d IIC T6 PTB 00 ATEX 1093X IBEExU 01 ATEX 1007X
Contact Arrangement	1 N/C 1 N/O or 2NC
Rated Voltage	250V a.c
Rated Current	4A a.c

Type Number	Conduit	Contacts	Fittings
2001	3 x M20	2NC 1NO	
2002	3 x 1/2" NPT	2NC 1NO	
2005	3 x M20	2NC 1NO	LED
2006	3 x 1/2" NPT	2NC 1NO	LED
2009	3 x M20	2NC 1NO	E-Stop
2010	3 x 1/2" NPT	2NC 1NO	E-Stop
2017	3 x M20	2NC 1NO	E-Stop & LED
2018	3 x 1/2" NPT	2NC 1NO	E-Stop & LED
2050	3 x M20	3NC 1NO	
2051	3 x 1/2" NPT	3NC 1NO	
2052	3 x M20	2NC 2NO	
2053	3 x 1/2" NPT	2NC 2NO	
2054	3 x M20	4NC	
2055	3 x 1/2" NPT	4NC	
2056	3 x M20	3NC 1NO	LED
2057	3 x 1/2" NPT	3NC 1NO	LED
2058	3 x M20	2NC 2NO	LED
2059	3 x 1/2" NPT	2NC 2NO	LED
2060	3 x M20	4NC	LED
2061	3 x 1/2" NPT	4NC	LED
2062	3 x M20	3NC 1NO	E-Stop
2063	3 x 1/2" NPT	3NC 1NO	E-Stop
2064	3 x M20	2NC 2NO	E-Stop
2065	3 x 1/2" NPT	2NC 2NO	E-Stop
2066	3 x M20	4NC	E-Stop
2067	3 x 1/2" NPT	4NC	E-Stop
2074	3 x M20	3NC 1NO	E-Stop & LED
2075	3 x 1/2" NPT	3NC 1NO	E-Stop & LED
2076	3 x M20	2NC 2NO	E-Stop & LED
2077	3 x 1/2" NPT	2NC 2NO	E-Stop & LED
2078	3 x M20	4NC	E-Stop & LED
2079	3 x 1/2" NPT	4NC	E-Stop & LED
2025	3m. 4 core Ex	1NC 1NO	
2028	3m. 4 core Ex	2NC	

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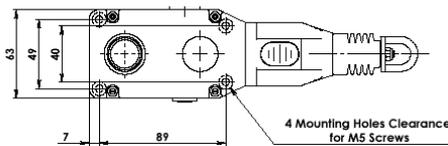
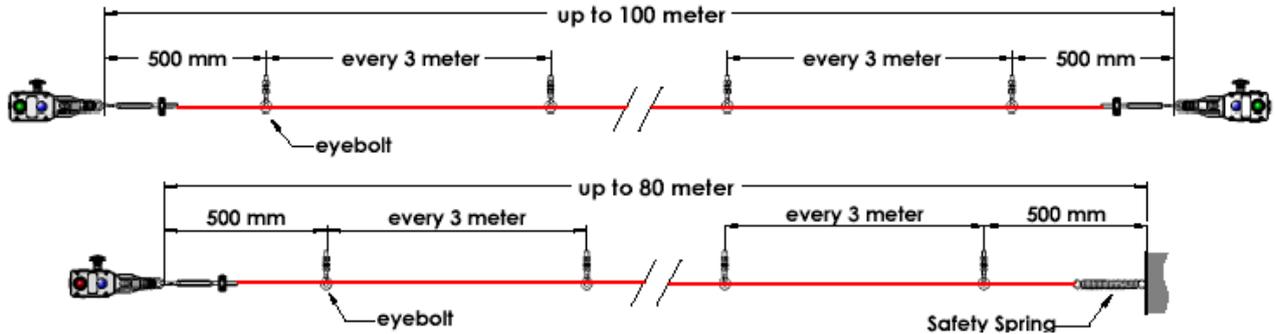
Pull-rope Emergency Switch for Standard Duty– Type SNS-SS Stainless Steel

Protection up to 100 meters

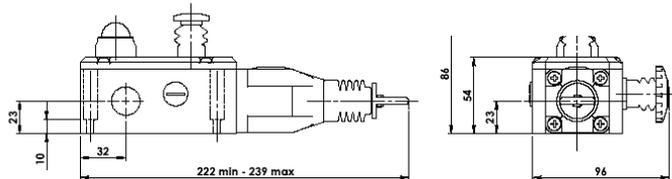
The SNS-SS is a General Duty Safety Rope Pull switch designed to protect long conveyor lengths up to 100m. The Stainless Steel 316 housings are designed specifically to withstand the tough environments found in the Food and Pharmaceutical industries. The fixing holes are under the cover of the switch to prevent food trap areas. They are all purpose switches and will survive chemical and detergent washdown by providing all stainless steel parts and robust IP67 sealing by using integral bellows and gaskets.

An easily seen bi-colour LED is available to show switch status from a distance and they have a choice of 3 pole, 4 pole or Explosion Proof contact blocks to ensure flexibility with all modern control applications.

Shorter rope spans up to 80m. can be achieved by using just one switch therefore making a cost effective solution and also reducing electrical wiring runs.



All Dimensions in mm



Pre-wired Ex versions

Type Number	Conduit	Contacts	Fittings
4001	3 x M20	3NC 1NO	
4002	3 x 1/2" NPT	3NC 1NO	
4003	3 x M20	2NC 2NO	
4004	3 x 1/2" NPT	2NC 2NO	
4005	3 x M20	4NC	
4006	3 x 1/2" NPT	4NC	
4007	3 x M20	3NC 1NO	LED
4008	3 x 1/2" NPT	3NC 1NO	LED
4009	3 x M20	2NC 2NO	LED
4010	3 x 1/2" NPT	2NC 2NO	LED
4011	3 x M20	4NC	LED
4012	3 x 1/2" NPT	4NC	LED
4013	3 x M20	3NC 1NO	E-Stop
4014	3 x 1/2" NPT	3NC 1NO	E-Stop
4015	3 x M20	2NC 2NO	E-Stop
4016	3 x 1/2" NPT	2NC 2NO	E-Stop
4017	3 x M20	4NC	E-Stop
4018	3 x 1/2" NPT	4NC	E-Stop
4019	3 x M20	3NC 1NO	E-Stop & LED
4020	3 x 1/2" NPT	3NC 1NO	E-Stop & LED
4021	3 x M20	2NC 2NO	E-Stop & LED
4022	3 x 1/2" NPT	2NC 2NO	E-Stop & LED
4023	3 x M20	4NC	E-Stop & LED
4024	3 x 1/2" NPT	4NC	E-Stop & LED
4025	3m. 4 core Ex	1NC 1NO	
4026	3m. 4 core Ex	2NC	

Standards:	IEC 947-5-1 IEC947-5-5 EN 418 UL508 BS 5304
Enclosure / Cover	Stainless Steel 316
External Parts	Stainless Steel
IP Rating	IP67 / IP 69K
Rope Spans	100m
Rope Tension device	Tensioner / Gripper – Quick Fixing
Rope Type:	4.0 mm Outside Dia. Steel inner – PVC sheath
Mounting	4 x M5
Mounting position	Any
Conduit entries	3 x M20 or 3 x 1/2" NPT by part number
Torque settings	Mounting M5 4.0 Nm Lid T20 Torx M4 1.5 Nm Terminals 1.0 Nm
Ambient Temperature	-25C 80 C
Vibration resistance	10-500Hz 0.35mm
Shock resistance	15g 11ms
Tension Force (typical mid setting)	130N.
Typical Operating Force (Rope pulled)	< 125N. < 300mm Deflection
Mechanical Life	1,000,000 operations
Weight	1750 g.
Contact type	IEC 947-5-1 Double break Type Zb Snap Action up to 4NC (positive break) 2NO (Auxiliary)
Contact Material	Silver
Termination	Clamp up to 2.5 sq. mm conductors
Rating	Utilisation Category : AC15 A300
Operational Rating	240V. 3A.
Thermal Current (Ith)	10A.
Rated Insulation Voltage (Ui)	500V.
Withstand Voltage (Uimp)	2500V.
Short Circuit Overload Protection	Fuse Externally 10A. (FF)
Explosion Proof Contact Block Classification	Optional EEx d IIC T6 PTB 00 ATEX 1093X IBE XU 01 ATEX 1007X
Contact Arrangement	1 N/C 1 N/O or 2NC
Rated Voltage	250V a.c
Rated Current	4A a.c

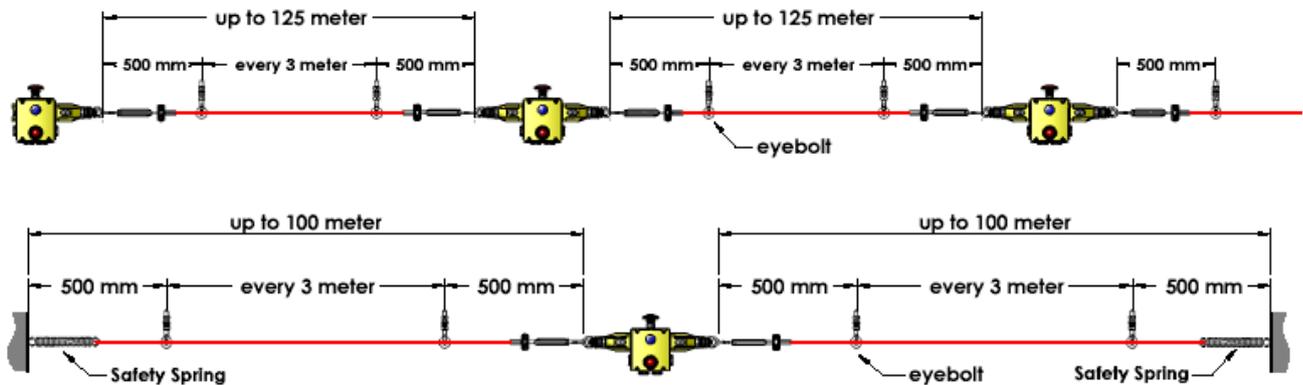


Pull-rope Emergency Switch for Heavy Duty – Type SNHD CE

Protection up to 250 meters

The SNHD is a Heavy Duty Safety Rope Pull switch designed to protect long conveyor lengths. The die-cast housings are robust to survive indoor or outdoor use including washdown (IP67 rating). Lengths over 2 Km can be achieved with less than 20 switches. A bi-colour LED ensures switch status can be seen easily from a distance. They have 4NC 2NO contacts to ensure flexibility with all modern control applications and optional Explosion Proof contact blocks are available. Shorter rope spans up to 200m. can be achieved by using just one switch therefore making a cost effective solution and also reducing electrical wiring runs.

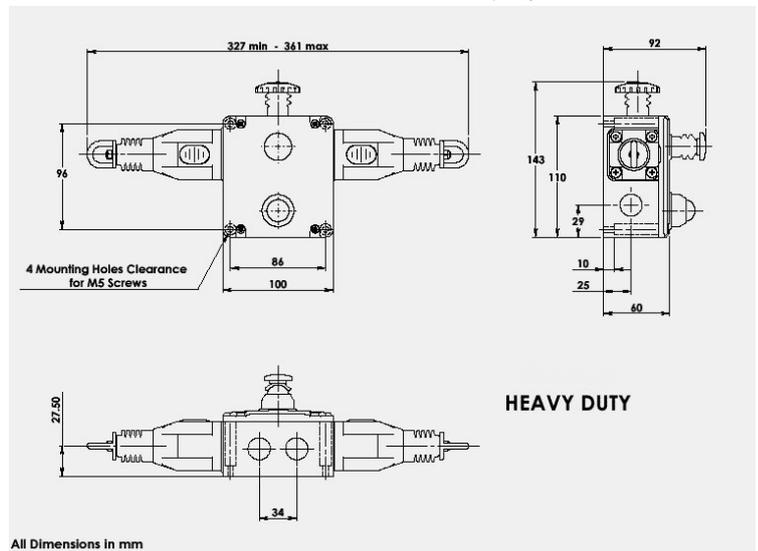
Also available as SNHD-SS Stainless Steel 316 housing for IP 69K.



Standards: IEC 947-5-1 IEC947-5-5 EN 418
UL508 BS 5304

It is recommended when using a Safety Spring that a maximum of one corner pulley is used.

- Enclosure / Cover Die-Cast – Painted Yellow
- External Parts Stainless Steel
- IP Rating IP67 / IP 69K
- Rope Spans Dual Head 250m.
- Rope Tension device Tensioner / Gripper – Quick Fixing
- Rope Type: 4.0 mm Outside Dia. Steel inner – PVC sheath
- Mounting 4 x M5
- Mounting position Any
- Conduit entries 4 x M20
- Torque settings Mounting M5 4.0 Nm
Lid T20 Torx M4 1.5 Nm
Terminals 1.0 Nm
- Ambient Temperature -25C 80 C
- Vibration resistance 10-500Hz 0.35mm
- Shock resistance 15g 11ms
- Tension Force (typical mid setting) 130N.
- Typical Operating Force (Rope pulled) < 125N. < 300mm Deflection
- Mechanical Life 1,000,000 operations
- Weight 1320 g.
- Contact type IEC 947-5-1 Double break Type Zb
Snap Action up to 4NC (positive break)
2NO (Auxiliary)
- Contact Material Silver
- Termination Clamp up to 2.5 sq. mm conductors
- Rating Utilisation Category: AC15 A300
- Operational Rating 240V. 3A.
- Thermal Current (Ith) 10A.
- Rated Insulation Voltage (Ui) 500V.
- Withstand Voltage (Uimp) 2500V.
- Short Circuit Overload Protection Fuse Externally 10A. (FF)
- Explosion Proof Contact Block Optional
- Classification EEx d IIC T6
PTB 00 ATEX 1093X IBEExU 01 ATEX 1007X
- Contact Arrangement 1 N/C 1 N/O or 2NC or 3NC 1NO or 2NC 2NO
- Rated Voltage 250V a.c
- Rated Current 4A a.c



All Dimensions in mm

Pre-wired Ex versions



Type Number	Type	Conduit	Contacts	Fittings
AS485	SNHD-42	4 x M20	4NC 2NO	E Stop
AS486	SNHD-42+L	4 x M20	4NC 2NO	LED E Stop
AS487	SNHD-Ex11	3m. 4 core Ex	1NC 1NO	E Stop
AS488	SNHD-Ex31	3m. 4 core Ex	3NC 1NO	E Stop
AS489	SNHD-Ex20	3m. 4 core Ex	2NC	E Stop
AS490	SNHD-Ex22	3m. 4 core Ex	2NC 2NO	E Stop

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Pull-rope Emergency Switch for Heavy Duty – Type SNHDL/R CE

Protection up to 125 meters

The SNHDL/R is a robust die-cast Heavy Duty Safety Rope Pull switch designed to protect long conveyor lengths where protection is required up to 125m. using two switches or up to 100m. using a single switch.

The die-cast housings are robust to survive indoor or outdoor use.

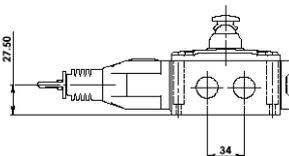
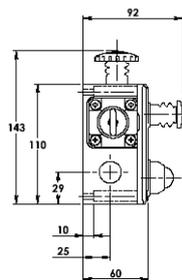
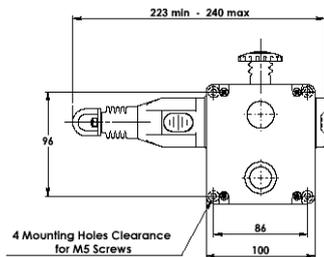
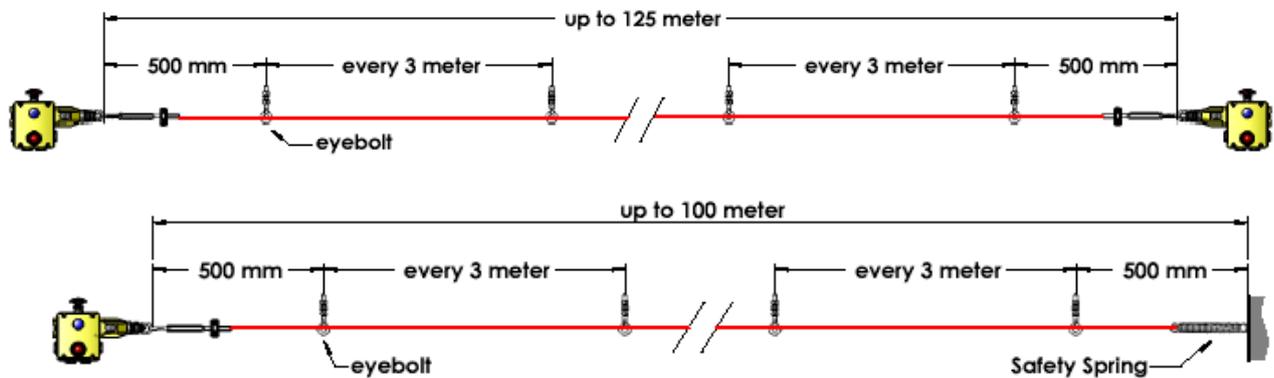
A bi-colour LED ensures switch status can be seen easily from a distance. They have 4NC 2NO contacts to ensure flexibility with all modern control applications and optional Explosion Proof contact blocks are available.

They can be used to compliment the SNHD versions at each end of the rope span.



SNHDL Left Hand

SNHDR Right Hand



All Dimensions in mm

Pre-wired Ex versions



Type Number	Type	Conduit	Contacts	Fittings
AS460	SNHDL	4 x M20	4NC 2NO	LED E Stop
AS461	SNHDL	4 x 1/2" NPT	4NC 2NO	LED E Stop
AS462	SNHDLEx	3m. 4 core Ex	1NC 1NO	E Stop
AS463	SNHDLEx	3m. 4 core Ex	3NC 1NO	E Stop
AS464	SNHDLEx	3m. 4 core Ex	2NC	E Stop
AS465	SNHDLEx	3m. 4 core Ex	2NC 2NO	E Stop
AS466	SNHDR	4 x M20	4NC 2NO	LED E Stop
AS467	SNHDR	4 x 1/2" NPT	4NC 2NO	LED E Stop
AS468	SNHDREx	3m. 4 core Ex	1NC 1NO	E Stop
AS469	SNHDREx	3m. 4 core Ex	3NC 1NO	E Stop
AS470	SNHDREx	3m. 4 core Ex	2NC	E Stop
AS471	SNHDREx	3m. 4 core Ex	2NC 2NO	E Stop

- Standards: IEC 947-5-1 IEC947-5-5 EN 418
UL508 BS 5304
- Enclosure / Cover Die-Cast – Painted Yellow
- External Parts Stainless Steel
- IP Rating IP67
- Rope Spans 125m.
- Rope Tension device Tensioner / Gripper – Quick Fixing
- Rope Type: 4.0 mm Outside Dia. Steel inner – PVC sheath
- Mounting 4 x M5
- Mounting position Any
- Conduit entries 4 x M20 or 4 x 1/2" NPT by part number
- Torque settings Mounting M5 4.0 Nm
Lid T20 Torx M4 1.5 Nm
Terminals 1.0 Nm
- Ambient Temperature -25C 80 C
- Vibration resistance 10-500Hz 0.35mm
- Shock resistance 15g 11ms
- Tension Force (typical mid setting) 130N.
- Typical Operating Force (Rope pulled) < 125N. < 300mm Deflection
- Mechanical Life 1,000,000 operations
- Weight 1320 g.
- Contact type IEC 947-5-1 Double break Type Zb
Snap Action up to 4NC (positive break)
2NO (Auxiliary)
- Contact Material Silver
- Termination Clamp up to 2.5 sq. mm conductors
- Rating Utilisation Category: AC15 A300
- Operational Rating 240V. 3A.
- Thermal Current (Ith) 10A.
- Rated Insulation Voltage (Ui) 500V.
- Withstand Voltage (Uimp) 2500V.
- Short Circuit Overload Protection Fuse Externally 10A. (FF)
- Explosion Proof Contact Block Optional
- Classification EEx d IIC T6
PTB 00 ATEX 1093X IBExU 01 ATEX 1007X
- Contact Arrangement 1 N/C 1 N/O or 2NC or 3NC 1NO or 2NC 2NO
- Rated Voltage 250V a.c
- Rated Current 4A a.c

Accessories for Pull-rope Emergency Switches - Type SNAC



Type Number		Description	Rope	Eybolls	Tensioner / Gripper	Allen Key
Galvanised	Stainless Steel					
0001	0010	5M Rope Kit	5M QL	3	1	1
0002	0011	10M Rope Kit	10M QL	5	1	1
0003	0012	15M Rope Kit	15M QL	7	1	1
0004	0013	20M Rope Kit	20M QL	9	1	1
0005	0014	30M Rope Kit	30M QL	12	1	1
0006	0015	50M Rope Kit	50M QL	20	1	1
0007	0016	80M Rope Kit	80M	30	2	1
0008	0017	100M Rope Kit	100M	37	2	1
0009	0018	126M Rope Kit	126M	45	2	1
	0033	Rope only 5M				
	0034	Rope only 10M				
	0036	Rope only 20M				
	0037	Rope only 30M				
	0038	Rope only 50M				
	0039	Rope only 80M				
	0040	Rope only 100M				
	0041	Rope only 126M				
	0019	Rope Tensioner / Gripper		Stainless Steel		
	0020	Rope Tensioner / Gripper		Galvanised Steel		
	0021	77mm Long 40mm High Fixing Hole centres 20mm				
	0064	Universal Pulley (Inside and Outside Corners) Universal Pulley (Inside and Outside Corners)		Stainless Steel Galvanised		
	0045	84mm Long Thread length 51mm M8 x 1.25				
	0046	Eyebolt Stainless Steel Eyebolt Galvanised				
	0042	LED Green / Flashing Red 24V.dc.				
	0043	235mm Long Safety Spring Stainless Steel				
	0044	E-Stop Mechanism				
	0057	3 pole Contact Block 2NC 1NO				
	0058	3 pole Contact Block 3NC				
	0061	4 pole Contact Block 2NC 2NO				
	0062	4 pole Contact Block 3NC 1NO				
	0063	4 pole Contact Block 4NC				
	0059	Screwdriver Anti-Tamper T20				
	0049	M16 to 1/2" NPT adapter				
	0050	M20 to 1/2" NPT adapter				
	0051	1/2" NPT Conduit plug				
	0052	M20 Conduit plug				
	0053	1/2" NPT Cable gland				
	0054	M20 Cable gland				
	0055	M16 Cable gland				
	0056	M12 Cable gland				

