



PRODUCT CATALOG



# LIGHTXCROSS LX®

GEARED CAM LIMIT SWITCHES



**FREGAL**Rexnord

## Stromag

Founded in 1932, Stromag has grown to become a globally recognized leader in the development and manufacture of innovative power transmission components for industrial drivetrain applications. Stromag engineers utilize the latest design technologies and materials to provide creative, energy-efficient solutions that meet their customer's most challenging requirements.

Stromag's extensive product range includes flexible couplings, disc brakes, limit switches, an array of hydraulically, pneumatically, and electrically actuated brakes, and a complete line of electric, hydraulic and pneumatic clutches.

Stromag engineered solutions improve drivetrain performance in a variety of key markets including energy, off-highway, metals, marine, transportation, printing, textiles, and material handling on applications such as wind turbines, conveyor systems, rolling mills, agriculture and construction machinery, municipal vehicles, forklifts, cranes, presses, deck winches, diesel engines, gensets and stage machinery.





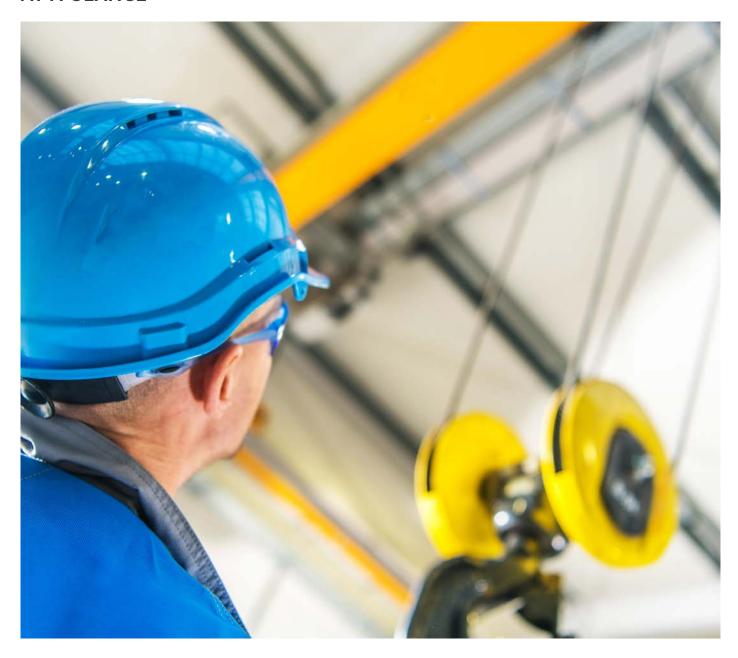
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#### AT A GLANCE



## STROMAG LIGHTXCROSS® LX

BENEFITS INCLUDE

- Position shown in display and by lever marking
- Without mechanical end stop
- Positive opening contacts

**Cross Lever Limit Switch** 

### Series LightXcross LX® - Cross Lever Limit Switch

Revision number: 3.1.5.1-01 Revision date: 19.11.2019

#### **Features**

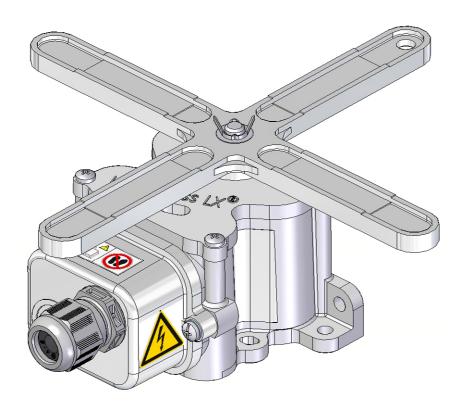
- Five positions, separate contact each for pre- and end stops in both directions
- Actuation via positive connections
- 4 Positive opening contacts

#### **Application**

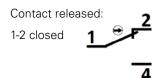
• Cross and long travel for EOT cranes

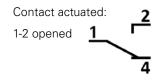
#### **Additional information**

- Position shown on display and by lever marking
- Without mechanical end stop
- Silver contacts, gold plated optional



Contact	Intended purpose	Rotation direction
S1	Emergency stop	ccw
S2	Working stop	ccw
S3	Working stop	cw
\$4	Emergency stop	cw



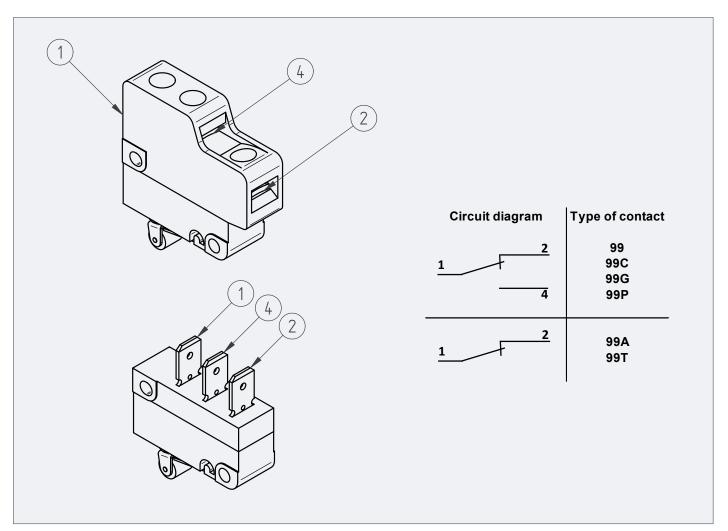


Switch setting / position (rotation direction)							
Contact	1. / +180° (ccw)	2. / +90° (ccw)	3. / 0° (Neutral)	4. / -90° (cw)	5. / -180° (cw)		
S1	1-2 opened	1-2 closed					
S2	1-2 op	pened	1-2 closed				
S3		1-2 closed		pened			
S4		1-2 opened					

**Cross Lever Limit Switch** 

### Series LightXcross LX® – Available Switches

Revision number: 3.1.5.2-01 Revision date: 19.11.2019

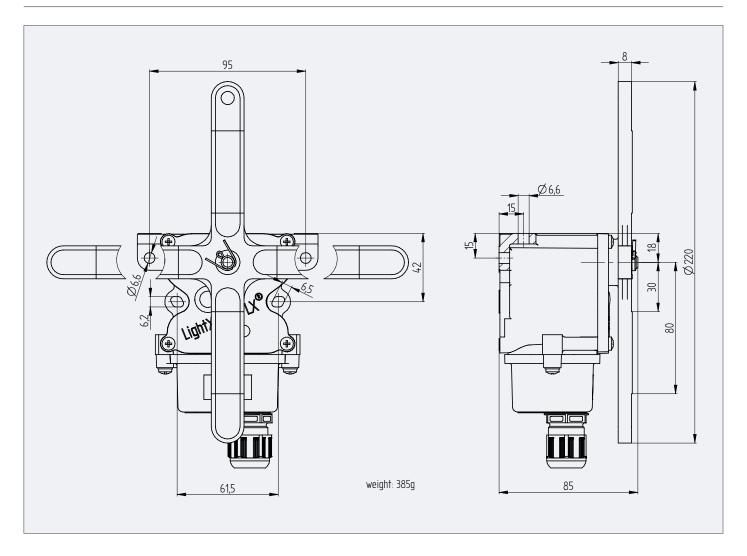


Swite	ching co	ntact	Contact	material	Switchin	g system	Connec	tion	Functio	nality	Electrical	data	
Designation	Circuit as a changeover	Circuit as an NC contact	Silver	Gold (PLC-Application)	Snap action switch	Push action switch	Screw terminals; 0,5-1,5 mm²/ AWG 22 16	Flat plugs 6.3 mm	Positive opening acc. to EN 60947-5-1 Annex K	Short circuit pro- tection	Utilization category acc. to IEC 60947	Conventional thermal current l <sub>th</sub>	Rated Insulation Voltage U,
99	•		•		•		•		•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99G	•			•	•		•		•	2A gR	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99P	•		•		•			•	•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99T		•	•			•	•		•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99A		•		•		•	•		•	2A gR	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V

**Cross Lever Limit Switch** 

### **Series LightXcross LX® - Dimensions**

Revision number: 3.1.5.3-01 Revision date: 19.11.2019



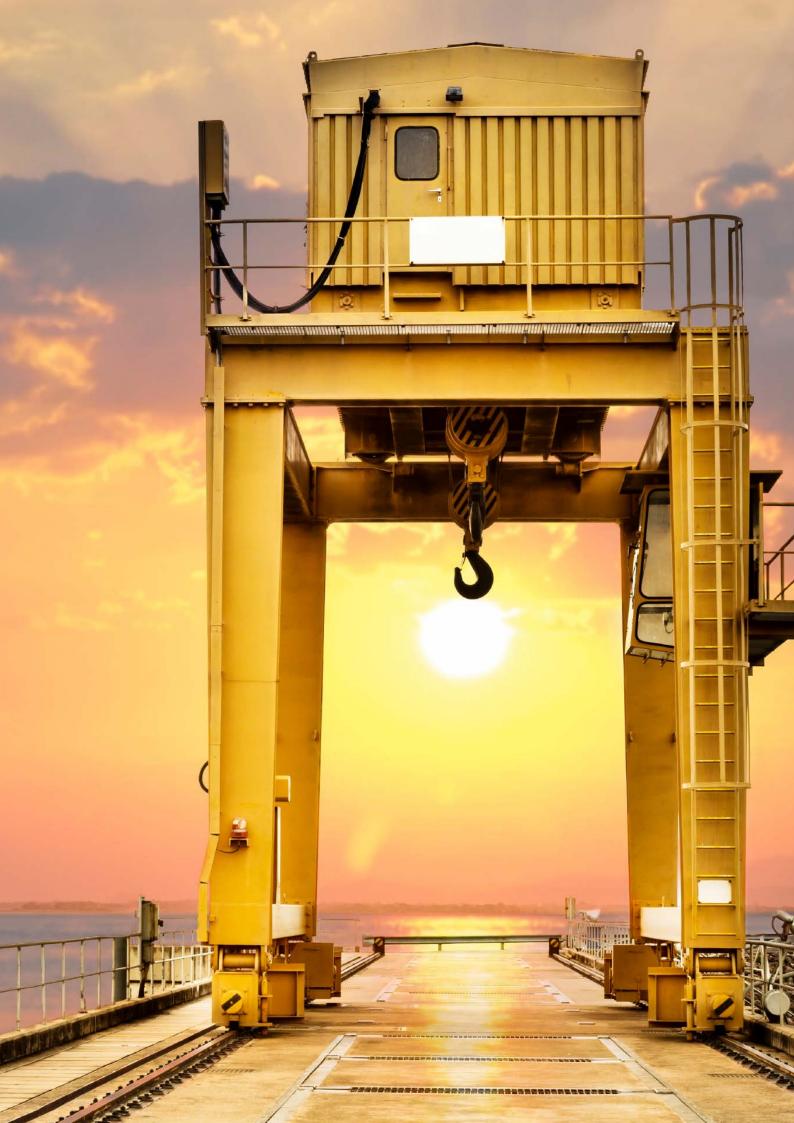
#### **Cross Lever Limit Switch**

### Series LightXcross LX® – Key of Types

Revision number: 3.1.5.4-01 Revision date: 19.11.2019

Stromag GmbH Hansastr.120, 59425 Unna Tel.+49(0)2303102-0 Made in Germany				
Kreuzhe	belendschalter			
Тур	1.25_LX_499			
Auftr.Nr Ref-Nr:	Nr.			
IP				
Baujahr /				

Series LX				
1.25	nominal revolutions	1.25	5 positions at 90°, fully turn around	
LX	Switch type	LX	Cross lever switch LightXcross LX®	
4	Number of contacts fitted	4		
99		99	Contact (changeover) with screw connections, contact material: Silver	
	Type of switching contact	99G	Contact (changeover) with screw connections, contact material: Gold	
		99P	Contact (changeover) with flat plug connections, contact material: Silver	
		99T	Contact (push action) with screw connections, contact material: Silver	
		99A	Contact (push action) with screw connections, contact material: Gold 🔾	



Notes	

# Premier Industrial Company Leading Brands

#### OTHER PRODUCT SOLUTIONS FROM REGAL REXNORD

Our comprehensive product offerings include various types of clutches and brakes, overrunning clutches, engineered bearing assemblies, gearing and gear motors along with linear motion products, belted drives, couplings, limit switches, precision motors, drives & controls, and miniature motors. With thousands of product solutions available, Regal Rexnord provides true single source convenience while meeting specific customer requirements. Many major OEMs and end users prefer Regal Rexnord products as their No. 1 choice for performance and reliability.

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Precision Motors & Automation Kollmorgen



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4000 Airline Dr, Suite D Houston,

TX, 77022

Phone: +1-346-398-4400

Email: sales@delreypartners.com



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