



## Universal switch shuttle lever 151SL...

### With flat handle.

Universal switch shuttle lever 151SL... with flat handle is designed for controlling the direction of travel in mobile machinery. The switch matrix can be individually adapted and configured for up to 9 functions. It can withstand high mechanical loads thanks to its robust design. The shuttle lever is individually adaptable. The Universal switch shuttle lever 151SL... is used in agricultural vehicles, construction machinery and self-propelled machinery. Using proven technology, these steering column switches are robust and reliable even under tough working conditions.

### Technical specifications

- High reliability and long service life thanks to contactless reed technology
- Robust and space-saving design
- Symbols can be individually customised
- Also available with round handle and push button switches
- Temperature range from -40 °C to +85 °C
- IP67 protection class for the electronic
- Long service life with 4 million operating cycles
- Available with up to 9 switching points

## Electrical data

Attribute	151SLX11S5A01	151SLX11S5A02	151SLY33S1A03	151SLY33S1A04
Max. switching voltage	48 V DC			
Max. switching current	0.5 A			
Max. switching power	10 W			
Contact form	N.O. / changeover contact	NO	N.O. / changeover contact	NO
Polarity reversal protection	no			

## Mechanical data

Attribute	151SLX11S5A01	151SLX11S5A02	151SLY33S1A03	151SLY33S1A04
Max. lever load with specified lever length	550 N bei 100 mm (20° C) N			
Deflection	± 15 °			

## Material information

Attribute	151SLX11S5A01	151SLX11S5A02	151SLY33S1A03	151SLY33S1A04
Housing material	PBT GF45			
Shaft material	Z430			
Gaiter material	NBR			

## Environmental conditions

Attribute	151SLX11S5A01	151SLX11S5A02	151SLY33S1A03	151SLY33S1A04
Protection class, electronic	IP67 DIN EN 60529			
Operating temperature min.	-30 °C			
Max. operating temperature	85 °C			
Min. storage temperature	-40 °C			
Max. storage temperature	85 °C			

## Connection

Attribute	151SLX11S5A01	151SLX11S5A02	151SLY33S1A03	151SLY33S1A04
Connector type	Molex MiniFit			
Cable type	FLRY			
Cable length	0.78 m			