

**MAYSER®**  
Polymer Electric

## Signal transmission systems



- sturdy, simple, proven
- quick to mount
- durable
- sure signal/power transmission

# Signal transmission systems



## Performance characteristics:

- simple, sturdy design
- easy slide glider
- length easily adaptable for customer specific application
- quick to mount
- maintenance-free

## Cable conduit rail KLS 77



### Technical Data KLS 77

Cable:	I. Chainflex 4x 0.5 mm <sup>2</sup> II. Kawalex 4x 0.25 mm <sup>2</sup> III. 2x Kawalex 4x 0.25 mm <sup>2</sup>
Cable guide:	sliding chain
Cable length:	1.0 m
Operating voltage:	I. max. 50 V AC/max. 120 V DC II. and III. max. 48 V AC/DC
Load at +25 °C:	I. max. 5.0 A eff. II. and III. max. 1.5 A eff.
Temperature range:	-30 °C to +70 °C
Guiding profile:	aluminium, anodized
Fixing method:	Fixing plates
Moving speed:	max. 40 m/min
Runway lengths:	1.0 m to 24.0 m
System lengths:	Runway + 200 mm

## Cable conduit rail KLS Flex



### Technical Data KLS Flex

Cable:	Special flat cable 1x 4x 0.25 mm <sup>2</sup> , double insulated, wear free, double insulated special flat cable 2x 4x 0.25 mm <sup>2</sup> on request
Cable guide:	PE belt
Cable length:	1.5 m
Operating voltage:	max. 48 V AC/DC
Load at +25 °C:	max. 1.5 A eff.
Temperature range:	-20 °C to +80 °C
Guiding profile:	PVC, weather-proof
Fixing method:	sturdy aluminium profile, anodized
Moving speed:	max. 40 m/min
Runway lengths:	1.8 m to 14.8 m
System lengths:	2.0 m to 15.0 m in 0.5 m steps

## Cable conduit rail with spiral cable WLS



### Technische Daten WLS

Cable:	Special spiral cable 4x 0.14 mm <sup>2</sup> , double insulation, wear-free
Cable guide:	Spiral cable guided in profile tube
Cable length:	1.5 m
Operating voltage:	max. 48 V AC/DC
Load at +25 °C:	max. 1.5 A eff.
Temperature range:	-20 °C to +80 °C
Guiding profile:	aluminium, anodized, warp resistant
Fixing method:	fixing angle
Moving speed:	max. 40 m/min
Runway lengths:	1.5 m to 23.5 m
System lengths:	2.0 m to 26.0 m in fixed lengths: 2. 3. 4 and 6 m



Mayser Safety  
Systems for the  
prevention of injury

to people and for  
safety at work

Should you require information on Safety Mats for making danger areas safe, Safety Edges for the prevention of injury in danger areas or Safety Bumpers for making rail guided vehicles and free-moving systems safe, get in touch with us, we would be delighted to help you.

**MAYSER®**

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