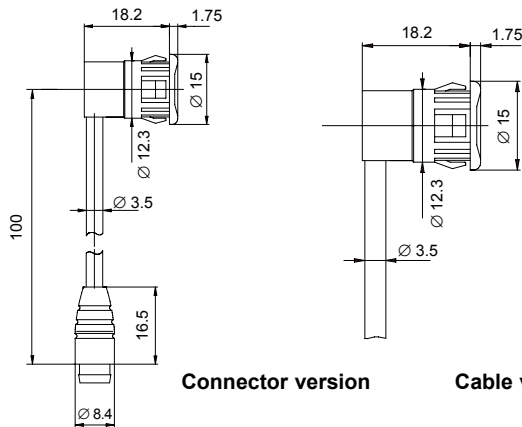


Technical Data

	ELS 263		ELS 264	
	Emitter (Tx)	Receiver (Rx)	Emitter (Tx)	Receiver (Rx)
Power supply	10 ... 30 VDC			
Current consumption	< 12 mA @ 20 V	< 10 mA @ 20 V	< 12 mA @ 20 V	< 10 mA @ 20 V
Max. output current	-	200 mA	-	200 mA
Rise time t_1	-	20 ms	-	0.5 ms
Fall time t_2	-	20 ms	-	0.5 ms
Turn-on time	-	max. 80 ms	-	max. 80 ms
Aperture angle	$\pm 5^\circ @ 3 \text{ m}$	$\pm 20^\circ @ 3 \text{ m}$	$\pm 5^\circ @ 1 \text{ m}$	$\pm 9^\circ @ 1 \text{ m}$
Operating range	0.5 ... 6 m		0.3 ... 4 m	
Max. ambient light	> 100'000 Lux			
Temperature range	-20 ... +60°C			
Enclosure rating	IP67			
Cable length	5 m, 10 m, 20 m			
Cable cross section	$\varnothing 3.5 \text{ mm}$			
Connection cross section	0.14 mm ² / AWG 26			
EMC	EN 50081-1/2, EN 50082-1, IEC 61000-6-2			

Dimensions

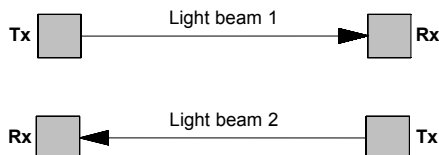


Knob type sensor head



Mounting notice

When using two through beam light barriers, pay attention to crossed mounting.

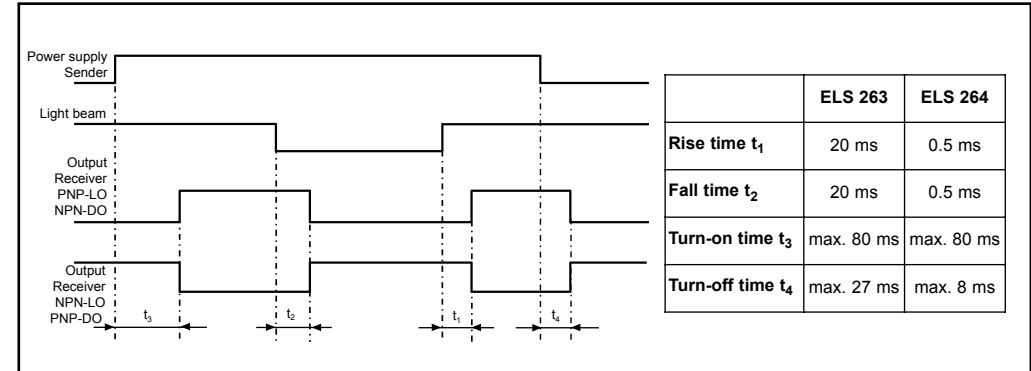


Mounting conditions

Plate thickness [mm]	Mounting hole [mm]		
	$\varnothing 12.5$	$\varnothing 13$	$\varnothing 13.5$
1.25	☑	☑	☒
1.50	☑	☑	☒
2.00	☑	☑	☑
2.50	☒	☑	☑

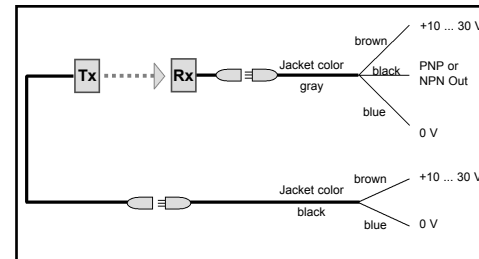
☑ = good ☒ = insufficient

Operation chart

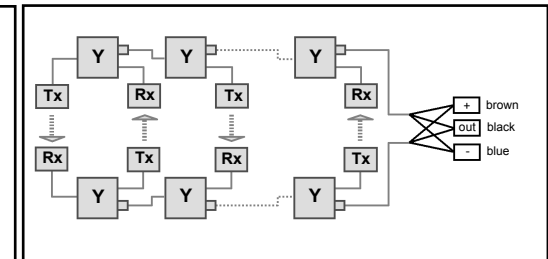


LO = Light On: Light beam not interrupted → LED on
DO = Dark On: Light beam interrupted → LED on

Connection diagram



Linking with Y - switch



We **CEDES AG, CH-7302 Landquart / Switzerland** declare conformity in sole responsibility that the products **ELS 26x** according to the following Council Directives:

EU Door Standard pr EN 12650-1: 1998

Standards and Specifications:
EN 50081-1/2 EME
EN 50082-1 + IEC 61000-6-2 EMI

Test report CEDES, 30/4/2002, EMV263_264.DOC

Use:
The bringing into use is only permitted after thorough checks are carried out to ensure that the equipment into which these products are built into, meets the regulations and directives relevant to that equipment.

Landquart, 1st May 2002
Beat De Coi
Quality Assurance

