



**Electrical data:**

Connection	cable
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Time delay before availability	60 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 25 mA
Off-state current max (Ir)	80 µA
Ripple max. of Ue	= 15 %
Switching output	NPN
Switching element function	NO
Operating frequency (f)	200 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

**Mechanical data:**

Number of wires	3-wire
Rated operating distance (sn)	8 mm
Diameter	M18x1 mm
Assured operating distance	0...6,5 mm
Cable code designation	LiYY-O
Mounting	non flush mountable
Ambient temperature max	+85 °C
Ambient temperature min	-40 °C
Degree of pollution	3
Sensing face material	PA 12
Housing material	CuZn, nickel plated
Repeat accuracy max. (R)	= 5 %

**General data:**

Output indication	yes
Short circuit protected	yes
Degree of protection IP	IP67
Insulation class	2
Protected against polarity reversal	yes
Approval	CE,ULZ1

**wiring**

