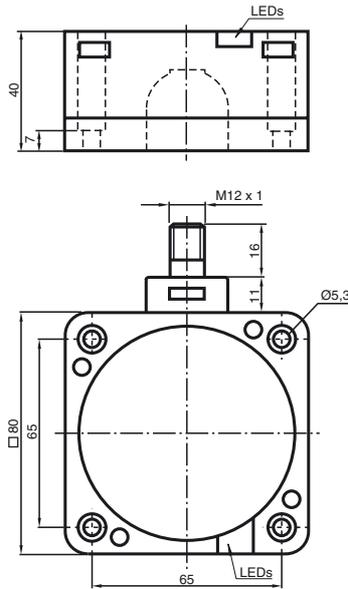


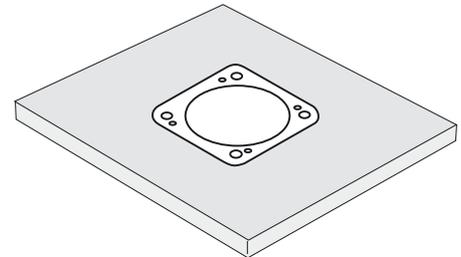
Comfort series
 40 mm embeddable
 Resistant to welding
 Optimum use at a distance
 >50 cm



General specifications	
Switching element function	PNP Antivalent
Rated operating distance s_n	40 mm
Installation	embeddable
Output polarity	DC
Assured operating distance s_a	0 ... 32.4 mm
Reduction factor r_{AI}	0.25
Reduction factor r_{Cu}	0.23
Reduction factor r_{V2A}	0.85
Nominal ratings	
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 80 Hz
Hysteresis H	typ. 3 %
Reverse polarity protection	protected against reverse polarity
Voltage drop U_d	≤ 3 V
Operating current I_L	0 ... 200 mA
Off-state current I_r	0 ... 0.5 mA
No-load supply current I_0	≤ 20 mA
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	V1-connector
Housing material	PBT
Sensing face	PBT, active surface Teflon coated
Protection degree	IP68

These sensors are especially designed for embeddable mounting in conveyor floors. Due to its precise location in metal base plates the sensor is afforded a high degree of mechanical protection. No clearance is required between the sensor and the base plate, avoiding the need for protective guarding to prevent possible foot injury.

The large sensing range ensures positive detection, and thus provides consistent control and monitoring of the conveyor.



Connection type:

