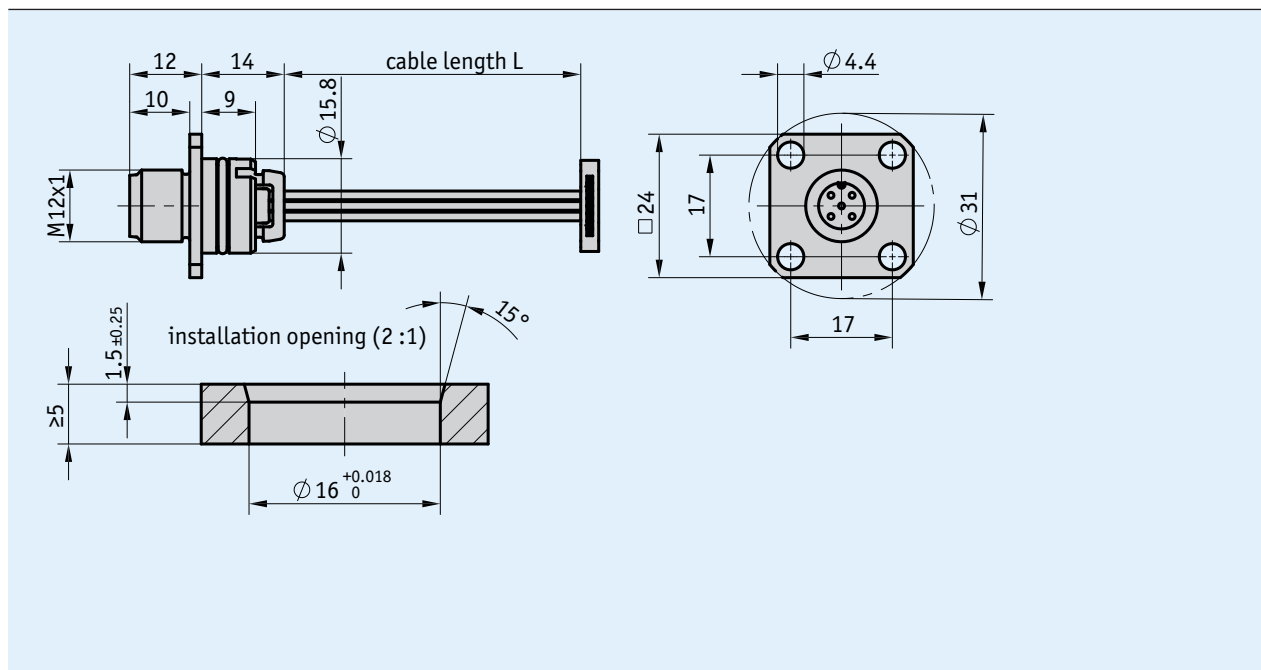
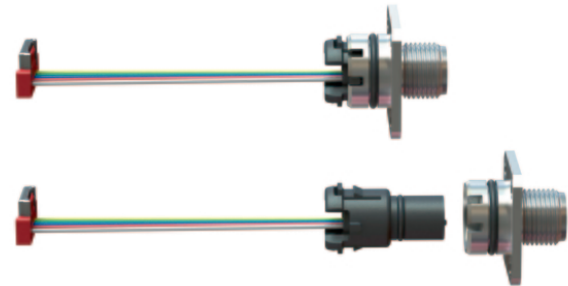


Profile

- Connector system for SGH wire-actuated encoders
- Time-saving, faultless and easy mounting
- IP69K protection category
- Broad temperature range -40 °C ... +105 °C
- Connection technology M12 (A-coded), 5-pole



Mechanical data

Feature	Technical data	Additional information
Housing	CuZn, nickel-plated	
Cable sheath	ETFE	5x 0.17 mm ² , 5x Ø1.03 mm

Ambient conditions

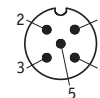
Feature	Technical data	Additional information
Ambient temperature	-40 ... +105 °C	temperature range of the line (inactive)
Protection category	IP69K	in the installed state with suitable mating connector

Pin assignment

■ analog

Analog signal	PIN A1	PIN A2
I_{OUT}/U_{OUT}	1	4
+UB	2	1
GND	3	3
Limit 1	4	2
Limit 2	5	5

view pin contact



■ CANopen

CANopen signal	PIN A1	PIN A2
CAN_GND	1	4
+UB	2	1
GND	3	3
CAN_H	4	2
CAN_L	5	5

Order

■ Ordering table

Feature	Ordering data	Specification	Additional information
Type of connection	A1	cf. "Connection assignment" table	
	A2	cf. "Connection assignment" table	
Cable length	...	06.2, 20.0, 30.0, 40.0 in cm	

■ Order key

KV1H - -

A B

Scope of delivery: KV1H