



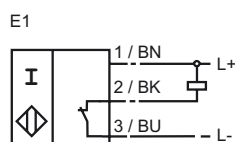
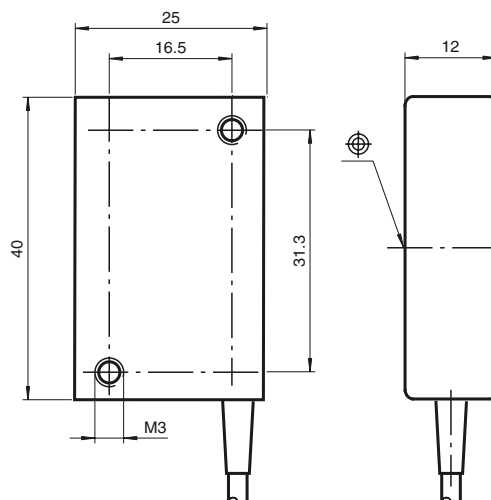
CE

Model Number

FTK8 50.000/0834

Features

- Basic series
- 8 mm not embeddable

Connection**Dimensions****Technical Data****General specifications**

Switching element function		NPN Break function
Rated operating distance	s_n	8 mm
Installation		not embeddable
Output polarity		switched low
Assured operating distance	s_a	0 ... 5.76 mm

Nominal ratings

Operating voltage	U_B	10.8 ... 30 V
Switching frequency	f	0 ... 5 Hz
Hysteresis	H	0.01 ... 0.5 typ. mm
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0.1 ... 0.3 mA typ.
No-load supply current	I_0	≤ 10 mA

Ambient conditions

Ambient temperature	0 ... 70 °C (273 ... 343 K)
Storage temperature	0 ... 70 °C (273 ... 343 K)

Mechanical specifications

Connection type	2 m PVC cable with screened connector, angled
Core cross-section	0.34 mm ²
Housing material	Hostaform C 9021
Sensing face	Hostaform C 9021
Protection degree	IP65

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007