

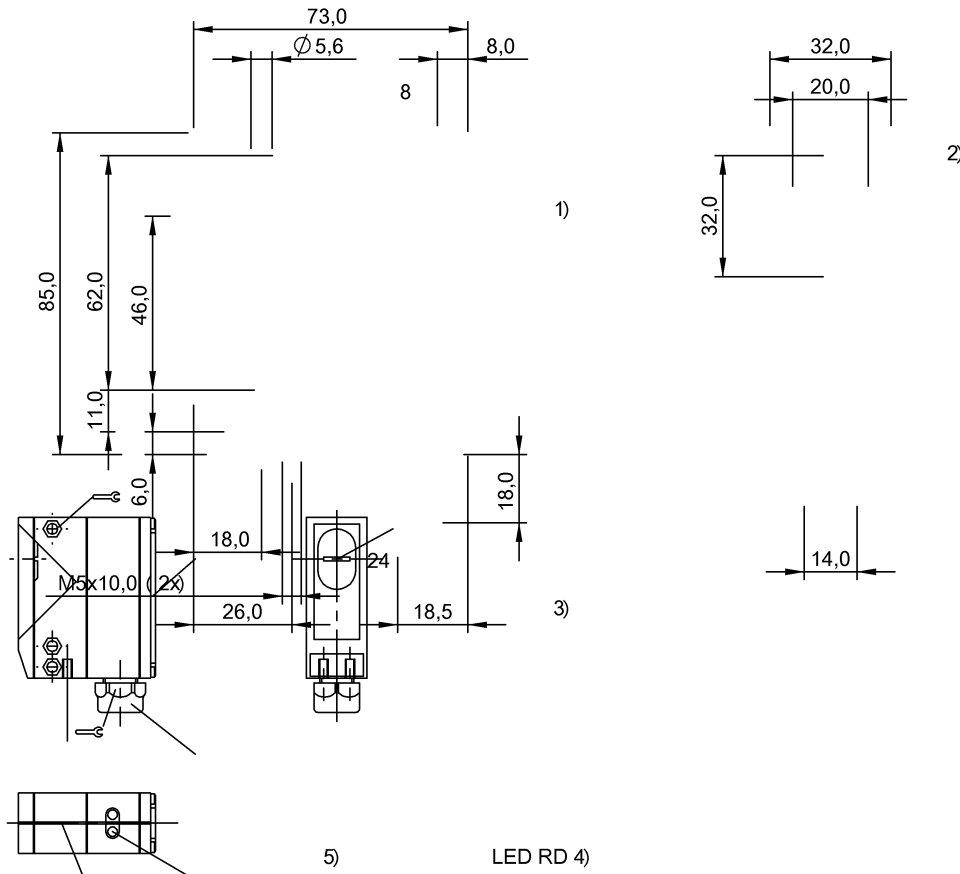
BLS 65K-1-G50-1
Ordering code: BOS00F4

Infrared
 AC/DC

BALLUFF

sensors worldwide

Through-beam sensor
 Series 65K
 Working Range: 0...50 m



1) Removable cover, 2) Optical axis, 3) Cable gland PG11, 4) Power, 5) Alignment sight

Characteristic data

Operating voltage	17...264 V AC/DC
Connection	Screw terminal
Indicator	Power - LED RD
Reference receiver	BLE 65K-1-F50T-..
Protected against reverse connection	yes
Degree of protection as per IEC 60529	IP67
Protection class	I

Optical data

Principle of optical operation	Emitter
Light type	Infrared
Wavelength	880 nm

Electrical data

Effective operating voltage U _e AC	
Rated operating voltage U _e DC	24,0 V
Rated frequency, AC	50/60 Hz
Rated insulation voltage U _i	300 V AC

No-load current max. I_o at U_e 60 mA

Mechanical data

Number of conductors	2
Shock rating	Half-sinus, 30gn, 11ms, 3x6
Vibration rating	10-55 Hz, 1.5 mm ampl., 3x2 h
Ambient temperature	-25...55 °C
Sensing surface material	PMMA
Housing material	PC
Mounting type	Screw M5
Design	Block, 90° connection
Operating range R _o	0...50 m
Range S _n	S _n = 50 m, adjustable

Basic data

Basic standard IEC 60947-5-2
 For additional information, refer to user's guide.
 Order accessories separately.

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Definitions see main catalog

subject to change

