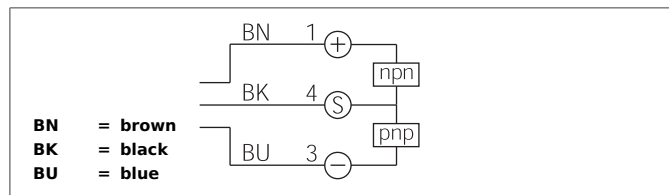


RS 40 M 6000 G3L-IBS Radar Sensor



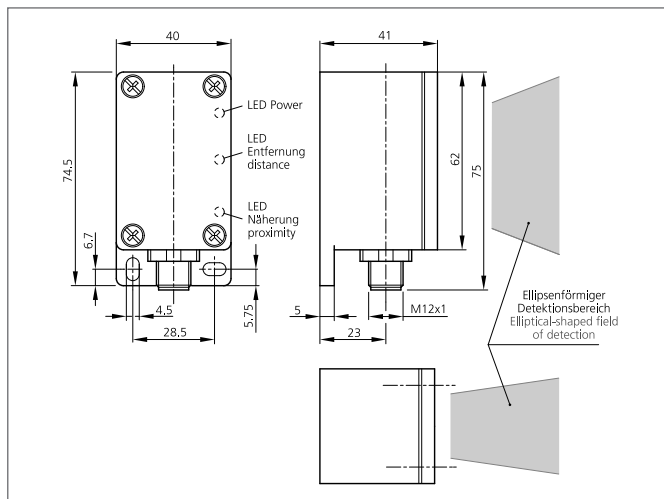
- Non-contact detection of approaching and departing elements up to 6 m
- Detection range and pulse stretching adjustable
- Mounting behind non-metallic materials possible
- Switching output for detection of approximation and distance
- Protection class IP 67 for outdoor use
- Robust metal casing



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	
Operating principle	Radar
Characteristics	1 switching output for detection of approximation and distance
Service voltage	10 ... 35 V DC
Internal power consumption	< 35 mA
Working distance	500 ... 6.000 mm
Switching output	Push pull, 200 mA, NO/NC, switchable
Pulse stretching	0,1 ... 30 ms adjustable
Voltage drop	< 2,0 V
Switching frequency	< 2 Hz
Working frequency	24,125 GHz, K-Band
Ambient temperature	-20 ... +60 °C
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	Die-cast zinc black lacquered finish
Connection	Connector, M12, 3-poled