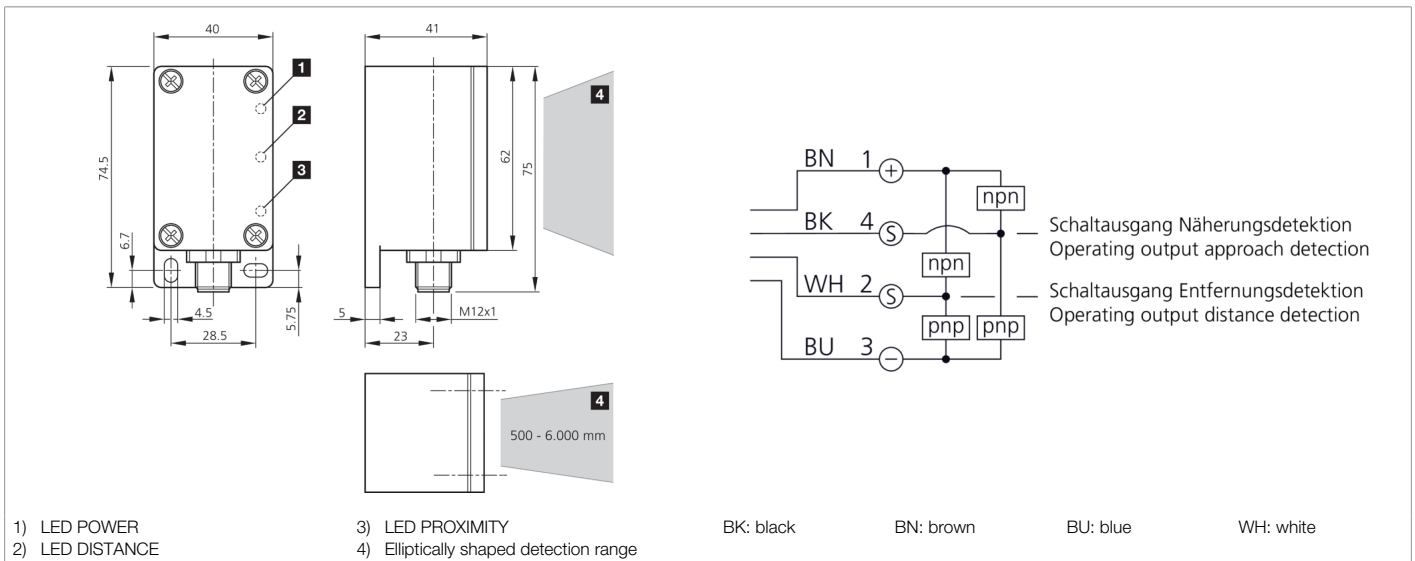




**204165**  
**RS 40 M 6000 G8L-IBS**  
**Radar sensor**

- Detects approaching and moving objects up to 6 m without contact
- Detection range and pulse stretching adjustable
- Mounting behind non-metallic materials possible
- Switching outputs for detection of proximity and distance
- Protection class IP 67 for outdoor use
- Robust metal housing



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	35 mA
Insulation voltage endurance	500 V
Housing length	74.5 mm
Housing height	41 mm
Housing width	40 mm
Housing material	Die-cast zinc (Black, painted)
Protection class	III, operation on protective low voltage
Operating principle	Radar
Characteristics	2 direction-dependent switching outputs for proximity and distance detection
Switching output	Push-pull (2x), 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Pulse stretching	100 ... 30000 ms adjustable
Switching distance	500 ... 6000 mm
Switching frequency	< 2 Hz
Working frequency	24.125 GHz (K-Band)
Ambient temperature during operation	-20 ... +60 °C
Protection type	IP 67
Connection	Connector, M12, 4-pin



**204165**

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**Radar sensor**

[More information / accessories](#)

<https://www.di-soric.com/204165>