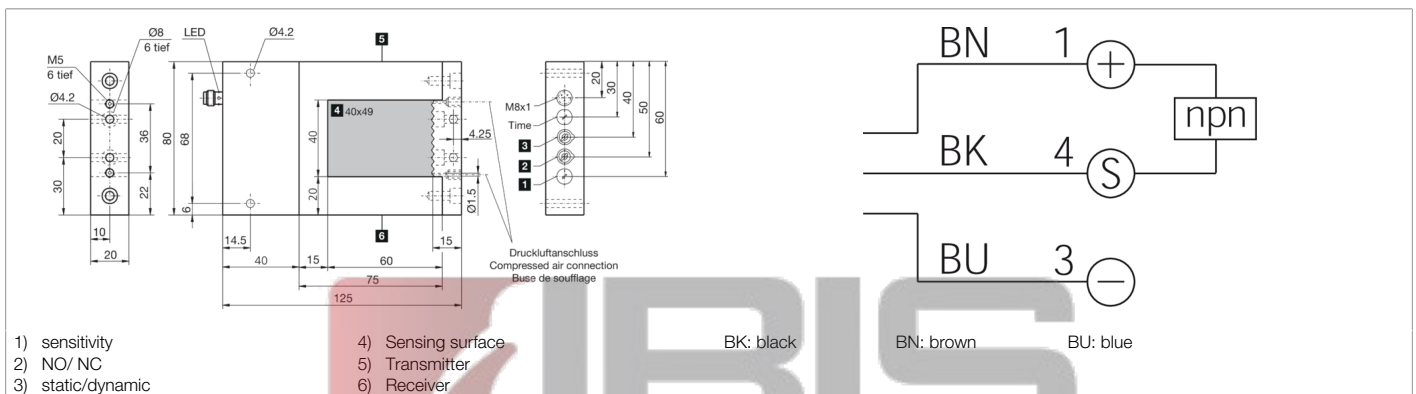


## 201411 OGWSD 4055 N3K-TSSL Frame light barrier

- Baffle protection at the optics
- Metal potentiometer
- Cross bar, removable
- Air nozzle for the optics
- NO/NC, switchable
- Variable operating principle: dynamic or static
- Sensitivity adjustment
- Pulse stretching adjustable
- High resolution
- Short activation time



Function	

Technical data (typ.)	1-800-350-7937	+20°C, 24 V DC	ep.com   info@ibisep.com
Service voltage	18 ... 35 V DC		
No-load current (max.)	30 mA		
Insulation voltage endurance	500 V		
Housing material	Aluminum (Black, Anodized)		
Protection class	III, operation on protective low voltage		
Operating principle	Dynamic/static switchable		
Switching output	npn, 200 mA, NO/NC, switchable		
Voltage drop (max.)	2,5 V		
Pulse stretching	0,1 ... 150 ms adjustable		
Light source	LED		
Color	Infrared		
Wavelength	940 nm		
Modulation	Clocked		
Ambient light immunity	20 kLx		
Detection range	40 x 49 mm		
Resolution	Ø 0,7 mm (dynamic), Ø 1,0 mm (static)		
Sensitivity adjustment	Potentiometer		
Activation time	0,10 ms		
Release time	0,10 ... 150 ms		
Ambient temperature during operation	0 ... +60 °C		
Protection type	IP 67		
Connection	Connector, M8, 3-pin		
Connection cable	TK ...		