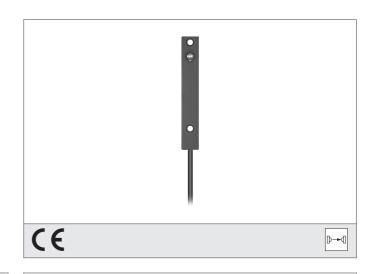
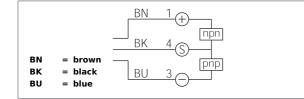


## OEPQ 12 M 50000 G2L-5M High Performance Photoelectric Sensor, Receiver

- High operating distance up to 50 m
- Integrated amplifier electronics
- Transistor output with push-pull
- High functional reserve
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combinated
- High protection class
- Compact design

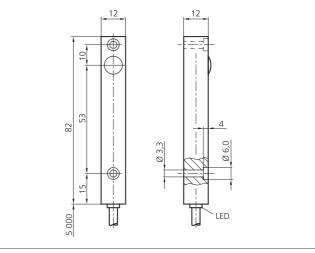




## Safety instructions

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.



Operating principleThrough beam sensors, receiver, switching outputEvaluationdigitalSize82 x 12 x 12 mm (Dimensions)Designcuboid designCharacteristicsHigh transmit power and dirt penetrationService voltage10 35 V DCNo-load current< 40 mAOperating distance0 50000 mm dependent on the transmitterSensitivity adjustmentno setting elementsSwitching outputPush pull, 200 mA, NOShock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialCable)Casing materianCable)	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Size82 x 12 x 12 mm (Dimensions)Designcuboid designCharacteristicsHigh transmit power and dirt penetrationService voltage10 35 V DCNo-load current< 40 mA	Operating principle	Through beam sensors, receiver, switching output
Designcuboid designCharacteristicsHigh transmit power and dirt penetrationService voltage10 35 V DCNo-load current< 40 mA	Evaluation	digital
CharacteristicsHigh transmit power and dirt penetrationService voltage10 35 V DCNo-load current< 40 mA	Size	82 x 12 x 12 mm (Dimensions)
Service voltage10 35 V DCNo-load current< 40 mA	Design	cuboid design
No-load current< 40 mAOperating distance0 50000 mm dependent on the transmitterSensitivity adjustmentno setting elementsSwitching outputPush pull, 200 mA, NOShock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialPVC (Cable)	Characteristics	High transmit power and dirt penetration
Operating distance0 50000 mm dependent on the transmitterSensitivity adjustmentno setting elementsSwitching outputPush pull, 200 mA, NOShock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Service voltage	10 35 V DC
Sensitivity adjustmentno setting elementsSwitching outputPush pull, 200 mA, NOShock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	No-load current	< 40 mA
Switching outputPush pull, 200 mA, NOShock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Operating distance	0 50000 mm dependent on the transmitter
Shock-/vibration load10 55 Hz / 1,0 mm / 30 gSwitching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Sensitivity adjustment	no setting elements
Switching frequency20 HzAmbient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Switching output	Push pull, 200 mA, NO
Ambient temperature, operation-20 +60 °CAmbient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient light immunity15 kLx, Sunlight, 2 kLx, clocked lightProtection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Switching frequency	20 Hz
Protection classIP 67Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Ambient temperature, operation	-20 +60 °C
Protection degreeIII, operation on protective low voltageCasing materialAluminium anodizedMaterialPVC (Cable)	Ambient light immunity	15 kLx, Sunlight, 2 kLx, clocked light
Casing material Aluminium anodized   Material PVC (Cable)	Protection class	IP 67
Material PVC (Cable)	Protection degree	III, operation on protective low voltage
	Casing material	Aluminium anodized
Connection Cable 5.0 m	Material	PVC (Cable)
Connection Cable, 5,0 m	Connection	Cable, 5,0 m