

Einweglichtschranke Serie 12 GSA/GEA



- Gewindebauform M12x1
- großer Öffnungswinkel
- Anzeige-LEDs
- fremdlichtunempfindlich
- hohe Schutzart IP67, voll vergossen
- integrierter Verstärker
- Ausgang programmierbar
- Sender mit Testeingang

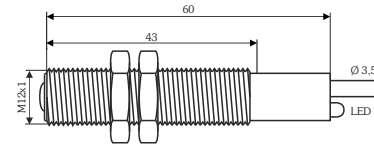


Technische Daten

Reichweite	0,5...15m
Betriebsspannung	10...30VDC
Leistungsaufnahme	Sender: max. 0,9W Empfänger: max. 0,3W
Lichtart	infrarot, moduliert
Öffnungswinkel	16° Vollwinkel
Zusatzfunktionen	Sender: Testeingang Empfänger: hell/dunkel programmierbar

Anzeigen	Sender: LED grün Empfänger: LED rot
Ausgang	PNP, max. 500mA kurzschlussfest
Schaltfrequenz	200Hz
Schutzart	IP67, voll vergossen
Betriebstemperatur	-25°...+55°C
Lagertemperatur	-35°...+80°C
Gehäusematerial	Messing, vernickelt
Anschlussart	PVC Leitung 3 x 0,25mm ²

Maße



Bestellbezeichnung

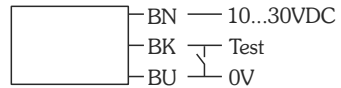
Modell	Artikelnummer
SERIE 12 GSA/GEA	216411
Im Lieferumfang enthalten sind:	Sender 5m Festkabel und Empfänger 15m Festkabel

Konformitätserklärung
EMV Richtlinie 2004/108/EG
EN 61000-6-2 und EN 61000-6-3



Anschlussbelegung

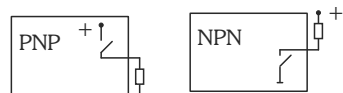
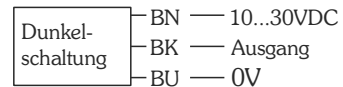
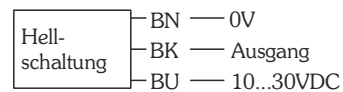
Sender



Festkabel

BN	BK	BU
braun	schwarz	blau

Empfänger



Series 12 GSA/GEA through-beam photo switch



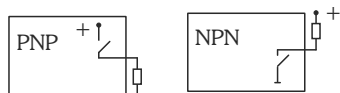
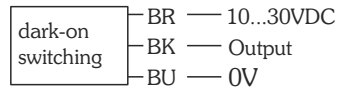
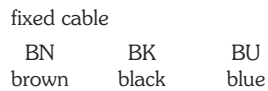
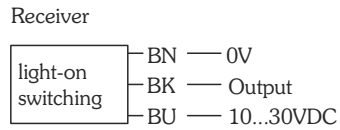
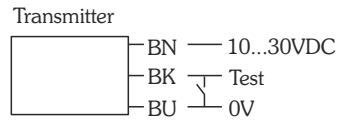
- M12x1 threaded housing
- wide sensing angle
- indicator LEDs
- insensitive against ambient light
- high degree of protection IP67, fully epoxy resin filled
- integrated amplifier
- programmable output
- transmitter with test input



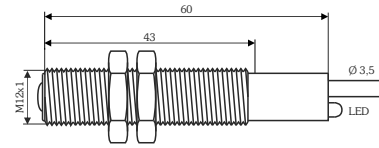
Technical data

range	0.5...15m	indicators	transmitter: LED green receiver: LED red
operating voltage	10...30VDC	output	PNP, max. 500mA short-circuit protected
power consumption	transmitter: max. 0,9W receiver: max. 0,3W	switching frequency	200Hz
type of light	infrared, modulated	degree of protection	IP67, fully epoxy resin filled
aperture angle	16° full angle	operating temp.	-25°...+55°C
features	transmitter: test input receiver: light/dark on programmable	storage temp.	-35°...+80°C
		casing material	nickel-plated brass
		type of connection	M12x1 4-pin plug or PVC cable 3 x 0,25mm ²

Terminal assignments



Size



Ordering details

model	order number
SERIE 12 GSA/GEA	216411
included in the scope of supply:	transmitter 5m fixed cable and receiver 15m fixed cable

Declaration of conformity
 EMC directive 2004/108/EEC
 EN 61000-6-2 and EN 61000-6-3