

XUK2LA•SMM12R/T Laser Through-beam sensor

XUK2LAKSMM12T

XUK2LAPSMM12R

ECOLAB



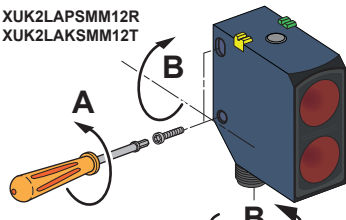
Thru-beam


<https://tesensors.com/global/en/document/S1B75481>

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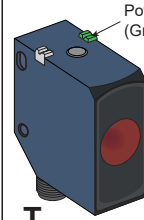
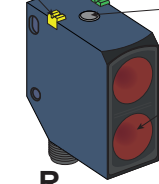
Mounting and Tightening torques

XUK2LAPSMM12R
XUK2LAKSMM12T

A < 1,5 Nm (13 lb-in)

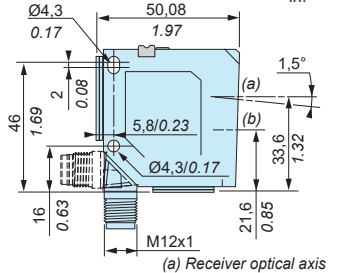
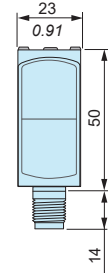
B < 1 Nm (8.85 lb-in)

LEDs and Setting

Power ON LED
(Green)Output State LED
(Yellow) (1)Power ON LED
(Green)Push button
(Teach-in)Alignment
indication LED

(1): If Double flash = Contamination

Dimensions

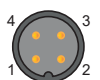


(a) Receiver optical axis

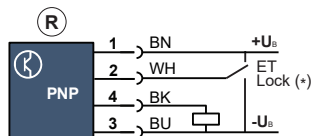
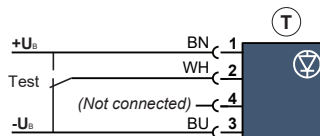
(b) Transmitter optical axis

Wiring diagrams

M12 Connector



Transmitter control input:

Test → +U_s = Test (transmitter OFF)Test → -U_s or not connected = Normal operation

(*) see page 2/2 section D

BN	Brown
WH	White
BK	Black
BU	Blue

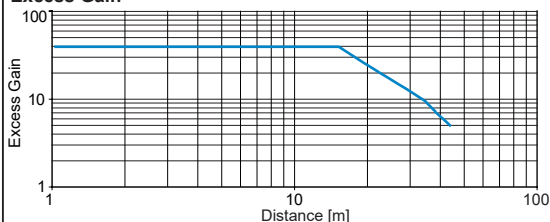


Wiring precautions

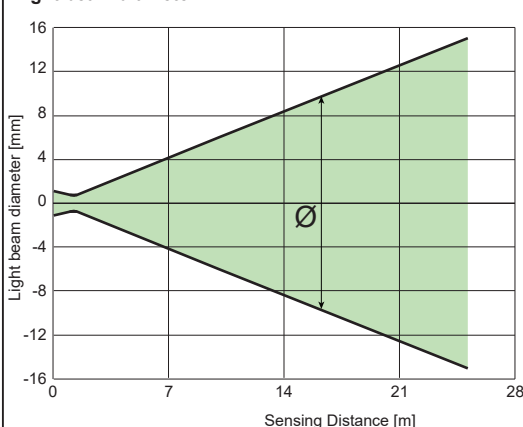
Use certified CYJV or R/C CYJV2 cable assemblies

Detection curves

Excess Gain



Light beam diameter



Characteristics

Certification	CE - UKCA - cULus - Ecolab
Maximum sensing distance	30 m / 98.42 ft
Scanning range	0...25 m / 0...82.02 ft
Sensing distance setting	Teach button or control input ET / Lock
Color of detection light beam	Laser class 1, red, 655 nm
Spot size of the light beam	see "Light beam diameter" curve
Wavelength	λ = 655 nm
Puls duration	t = 0.7 μs
Frequency	f = 70 kHz
Limit of radiant power pulse	Pp = 4.5 mW
Output type	PNP (N.O. or N.C.)
Current consumption	≤ 30 mA
Switching capacity	≤ 100 mA
Switching frequency	≤ 3500 Hz
First-up delay	300 ms max.
Response time	0,14 ms max.
Recovery time	0,14 ms max.
Ambient Temperature	Operating : - 20...+60 °C (-4...+140 °F) Storage : - 20...+80 °C (-4...+176 °F)
Power Voltage	Rated operational voltage: 12...24 Vdc Ripple p-p 10% maximum Operating range: 10...30 Vdc (including ripple)
Product Protection	Power supply : Reverse polarity protection Output: Short circuit protection
Degree of protection	IP67 conforming to EN/IEC 60529 IP69K conforming to DIN 40050
Vibration resistance	Frequency range: 10 Hz to 55 Hz Acceleration: 7 gn
Shock resistance	Peak acceleration: 30 gn Duration of the pulse: 11 ms
Permitted cable length	100 m / 328.1 ft
Material	Housing: ABS/PC, Lens: PMMA
Factory setting	max. scanning distance and N.O.

⚠ WARNING

UNINTENDED EQUIPMENT OPERATION

- Comply with the wiring and configuration instructions.
- Clean the lens regularly, taking care not to scratch it.
- Check the connections and fixings during maintenance operations.

Failure to follow these instructions can result in death, serious injury or equipment damage.

⚠ CAUTION

HAZARD OF LASER RADIATION EXPOSURE

- Do not stare into the beam.
- Do not operate below - 20°C (- 4°F)
- Follow all operating instructions.

Failure to follow these instructions can result in injury or equipment damage.



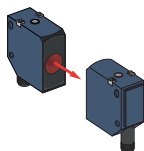
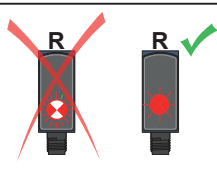
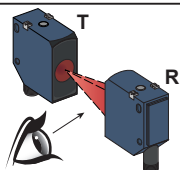
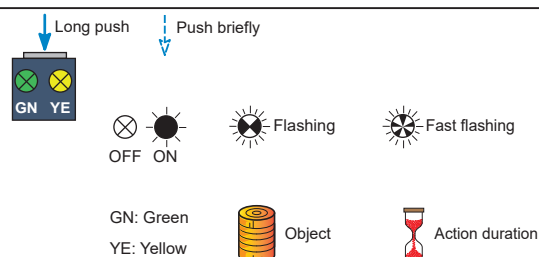
CLASS 1 LASER PRODUCT (DIN EN 60825-1)
Complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to laser Notice No.
50 dated June 24, 2007

Electrical equipment should be installed, operated and maintained only by qualified personnel.
No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

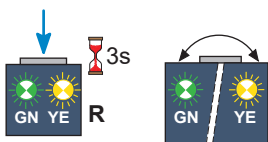
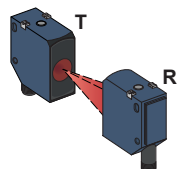
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Adjustment and setting

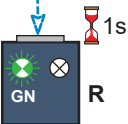
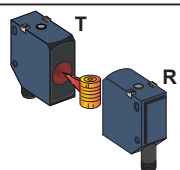
By button or control input.
Factory setting = max. scanning distance

**Legend:****A Initial setting with XUK2LAKSMM12T****1** Check operation conditions.

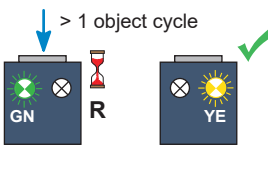
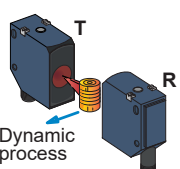
With free light path, align light spot XUK2LAKSMM12T to XUK2LAPSMM12R.
Pay attention to alignment indication (LED 3, red in front screen of XUK2LAPSMM12R).
If it is on, alignment is OK.

**B Adaption to application XUK2LAPSMM12R**

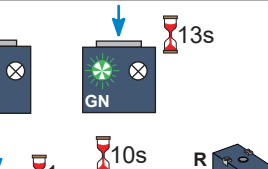
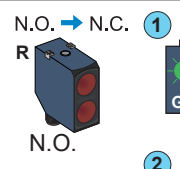
With free light path, push button on XUK2LAPSMM12R (approx. 3 s) until both LEDs flash synchronously.
Release button (LEDs flash asynchronously).

**When object is not moving (static):**

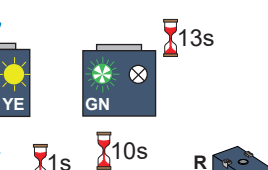
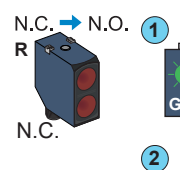
Place object in sensing range.
Push button briefly (1 s).
Release button.

**When object is moving (dynamic):**

Press the pushbutton and keep it pressed until the object has passed at least once.
Release the button. The setting is saved.
The sensor is ready for use.
If the object is detected, the yellow status LED is on (N.O. setting) or is off (N.C. setting).

**C Setting of N.O. / N.C****1** Without object, press the receiver learning button for (about) 13 s. The green LED flashes rapidly.**2** As long as the green LED is flashing, press the learning button for 1 s to invert the output.

Without object, yellow LED off = N.O., yellow LED on = N.C.
→ When OK, do not push the button for 10 s.
Setting is saved. Sensor is ready to operate.

**D Setting with input (ET - External Teach / Lock) on XUK2LAPSMM12R**

+U_B = Teach-in (as button)
- U_B = Button locked
not connected = Normal operation (free run).

**Manufacturer :**

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France

**UK Representative :**

Schneider Electric Limited
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Telford, TF3 3BL
United Kingdom

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Факс.: +7 (727) 357 24 39

XUK2LA•SMM12R/T Détecteur laser système barrage

XUK2LAKSM12T

XUK2LAPSM12R

ECOLAB



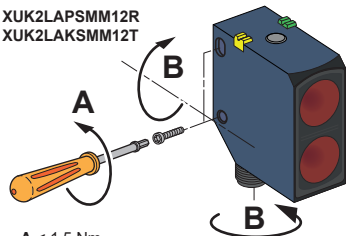
Barrage


<https://tesensors.com/global/en/document/S1B75481>

Scannez le code Qr pour accéder à cette instruction de service en différentes langues ou vous pouvez la télécharger sur notre site Web à l'adresse : www.tesensors.com

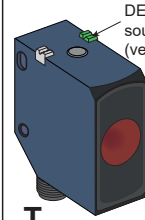
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Montage et couples de serrage

XUK2LAPSM12R
XUK2LAKSM12T

A < 1,5 Nm
B < 1 Nm

DELs et réglages



T

DEL d'état de sortie (jaune) (1)

DEL de mise sous tension (verte)

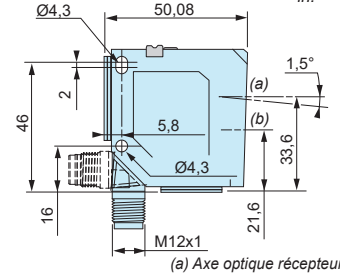
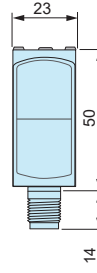
Bouton poussoir (Apprentissage)

DEL Indication d'alignement

R

(1): En cas de clignotement double : contamination

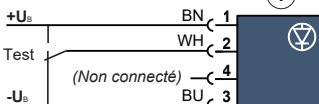
Dimensions



(a) Axe optique récepteur
(b) Axe optique émetteur

Schémas de câblage

Connecteur M12



Entrée de contrôle émetteur:
Test → +Ua = Test (émetteur OFF)
Test → -Ua ou non connecté = Fonctionnement normal

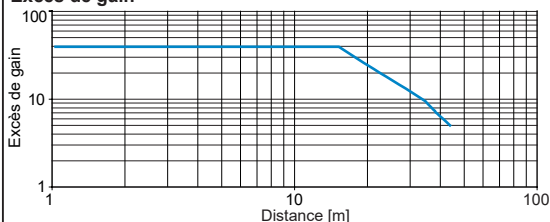
(*) voir page 2/2, section D

BN	Marron
WH	Blanc
BK	Noir
BU	Bleu

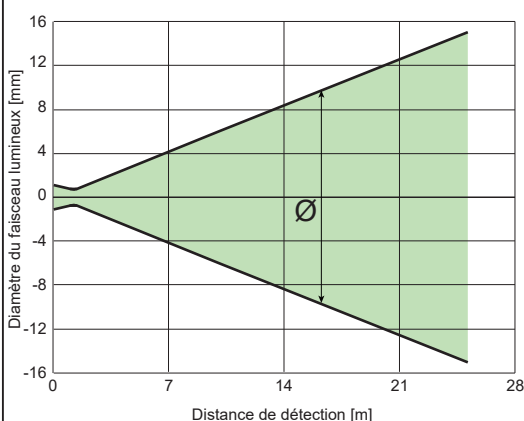
Précautions de câblage
Utilisez des prolongateurs "certified CYJV or R/C CYJV2"

Courbes de détection

Excès de gain



Diamètre du faisceau lumineux



Caractéristiques

Certification	CE - UKCA - cULus - Ecolab
Distance de détection maximale	30 m
Distance de détection	0...25 m
Réglage de la distance de détection	Bouton d'apprentissage ou entrée de commande ET / Lock
Couleur du faisceau lumineux	Laser classe 1, rouge, 655 nm
Taille du spot du faisceau lumineux	voir la courbe "Diamètre du faisceau lumineux"
Longueur d'onde	$\lambda = 655 \text{ nm}$
Largeur d'impulsion	$t = 0.7 \mu\text{s}$
Fréquence	$f = 70 \text{ kHz}$
Puissance rayonnée valeur limite impulsion	$P_p = 4.5 \text{ mW}$
Type de sortie	PNP (N.O. ou N.F.)
Consommation de courant	$\leq 30 \text{ mA}$
Capacité de commutation	$\leq 100 \text{ mA}$
Fréquence de commutation	$\leq 3500 \text{ Hz}$
Délai de disponibilité	300 ms max.
Temps de réponse	0,14 ms max.
Temps de relâchement	0,14 ms max.
Température ambiante	en fonctionnement : - 20...+60 °C Stockage : - 20...+80 °C
Tension d'alimentation	Tension assignée d'emploi: 12...24 Vdc Ondulation p-p 10% max. Plage de fonctionnement: 10...30 Vdc (y compris l'ondulation)
Protection du produit	Alimentation: Protection contre l'inversion de polarité Sortie: Protection contre les courts-circuits
Classe de protection	IP67 conforme à EN/IEC 60529 IP69K conforme à DIN 40050
Résistance aux vibrations	Plage de fréquences : 10 Hz to 55 Hz Accélération : 7 gn
Résistance au choc	Pic d'accélération : 30 gn Durée de l'impulsion : 11 ms
Longueur autorisée du câble	100 m
Matériaux	Boîtier : ABS/PC, Lentille: PMMA
Réglage d'usine	distance maximale de détection et N.O.

⚠ AVERTISSEMENT

FONCTIONNEMENT INATTENDU DE L'EQUIPEMENT

- Respecter les instructions de câblage et de réglage
 - Nettoyer la lentille régulièrement sans la rayer.
 - Vérifier les connexions et les fixations lors des opérations de maintenance.
- Le non-respect de ces instructions peut provoquer la mort, des blessures graves ou des dommages matériels.

⚠ ATTENTION

RISQUE D'EXPOSITION A UN RAYONNEMENT LASER

- Ne pas regarder dans la trajectoire du rayon laser.
- Ne pas utiliser en dessous de - 20 °C
- Respectez toutes les instructions d'utilisation.

Le non-respect de ces instructions peut provoquer des blessures ou des dommages matériels.



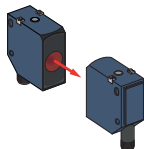
APPAREIL A LASER DE CLASSE 1
(DIN EN 60825-1)
Correspond à 21 CFR 1040.10 et 1040.11 à l'exception des différences conformément à la notice du laser n° 50 du 24 juin 2007

L'installation, l'utilisation, la réparation et la maintenance des équipements électriques doivent être assurées exclusivement par du personnel qualifié.
Schneider Electric décline toute responsabilité quant aux conséquences de l'utilisation de ce matériel.

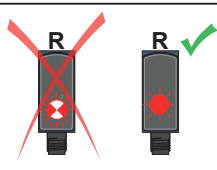
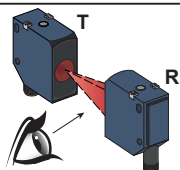
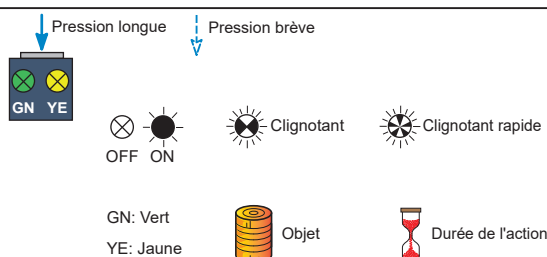
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Ajustement et réglage

Par bouton poussoir teach-in ou par teach externe.
Réglage d'usine = distance de détection max.



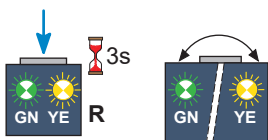
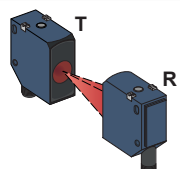
Légende:



A Réglage initial avec le XUK2LAKSMM12T

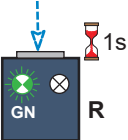
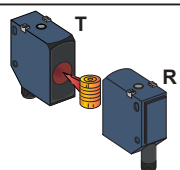
1 Vérifiez les conditions de fonctionnement.

Aligner l'émetteur (XUK2LAKSMM12T) avec son récepteur (XUK2LAPSMM12R). Prendre en compte l'affichage de l'alignement (LED 3, rouge dans la lentille du récepteur). Si elle est allumée l'alignement est OK.



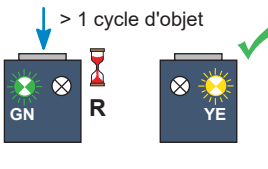
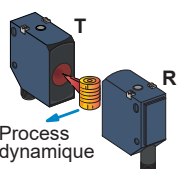
B Adaptation à l'application XUK2LAPSMM12R

Sans obstacle entre l'émetteur et son récepteur, appuyer sur le bouton poussoir du récepteur (XUK2LAPSMM12R) (env. 3 s) jusqu'à ce que les deux LEDs clignotent simultanément. Relâcher le bouton (les LEDs clignotent alternativement).



Pour des objets statiques :

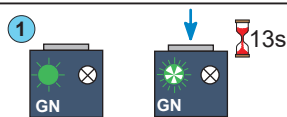
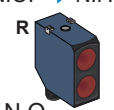
Placer l'objet dans la zone de détection.
Appuyer brièvement sur le bouton poussoir (1 s).
Relâcher le bouton.



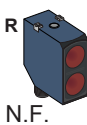
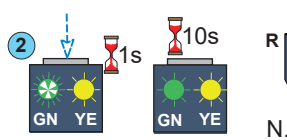
Pour des objets non statiques (dynamique) :

Appuyer sur le bouton poussoir et rester appuyé pendant au moins un passage de l'objet. Relâcher le bouton. Le réglage est sauvegardé.
Le capteur est prêt à l'emploi.
Si l'objet est détecté, la LED jaune de statut s'allume (réglage N.O.) ou s'éteint (réglage N.F.).

N.O. → N.F.



N.O.



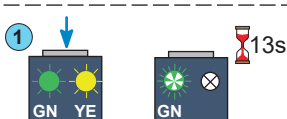
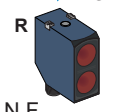
C Réglage N.O. / N.F.

1 Sans objet, appuyer 13 s (environ) sur le bouton d'apprentissage du récepteur. La LED verte clignote rapidement.

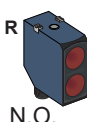
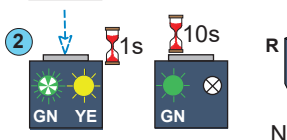
2 Tant que la LED verte clignote, appuyer 1 s sur le bouton d'apprentissage pour inverser la sortie.
LED jaune éteinte N.F., LED jaune allumée N.O.

→ Si ok, ne rien toucher pendant 10 s pour sauvegarder le réglage. Le capteur est prêt à l'emploi.

N.F. → N.O.



N.F.



D Réglage avec entrée (ET - External Teach / Lock) XUK2LAPSMM12R

+U_B = Apprentissage (comme le bouton)
- U_B = Bouton verrouillé
non connecté = Marche normale (fonctionnement libre).



Manufacturer :

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35 rue Joseph Monier
92500 Rueil Malmaison
France



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Telford, TF3 3BL
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Бизнес Центр «Кен Дала», 5 этаж.
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«Кен Дала» Бизнес Орталығы, 5-ші қабат.
Тел.: +7 (727) 357 23 57
Факс.: +7 (727) 357 24 39

XUK2LA•SMM12R/T Laser-Einweglichtschranke

XUK2LAKSM12T

XUK2LAPSM12R

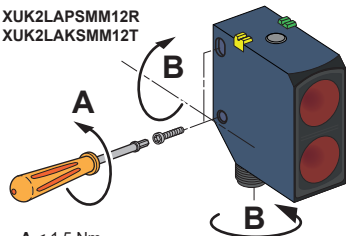
ECOLAB

Einweg-
Lichtschranke
<https://tesensors.com/global/en/document/S1B75481>

Scannen Sie den Qr-Code, um auf diese Bedienungsanleitung in verschiedenen Sprachen zuzugreifen, oder laden Sie sie von unserer Website herunter: www.tesensors.com

Ihre Kommentare zu diesem Dokument sind uns jederzeit willkommen. Sie können uns über die Kundensupport-Seite auf Ihrer lokalen Website erreichen.

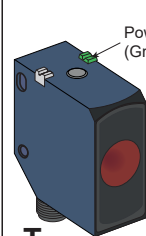
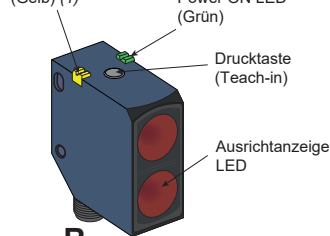
Montage- und Anzugsdrehmomente

XUK2LAPSM12R
XUK2LAKSM12T

A < 1,5 Nm

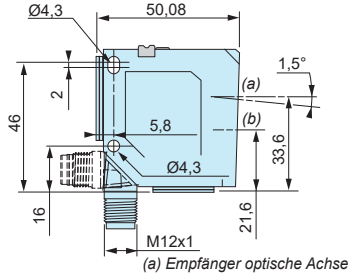
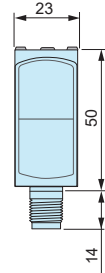
B < 1 Nm

LEDs und Einstellung

Power ON LED
(Grün)Ausgangstatus-LED
(Gelb) (1)Power ON LED
(Grün)Drucktaste
(Teach-in)Ausrichtungs-
LED

(1): Wenn Doppelblinker = Verschmutzung

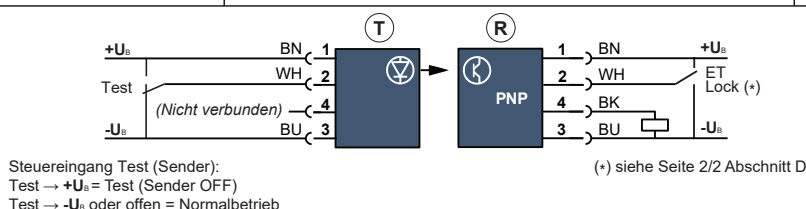
Abmessungen



mm

Schaltplan

M12-Anschluss



Steuereingang Test (Sender):
Test → +U₀ = Test (Sender OFF)
Test → -U₀ oder offen = Normalbetrieb

(*) siehe Seite 2/2 Abschnitt D

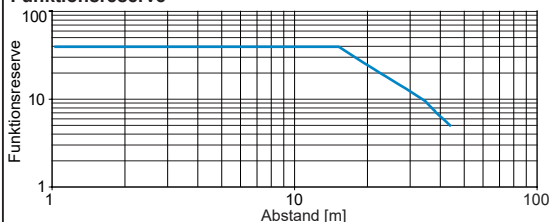
BN	Braun
WH	Weiß
BK	Schwarz
BU	Blau



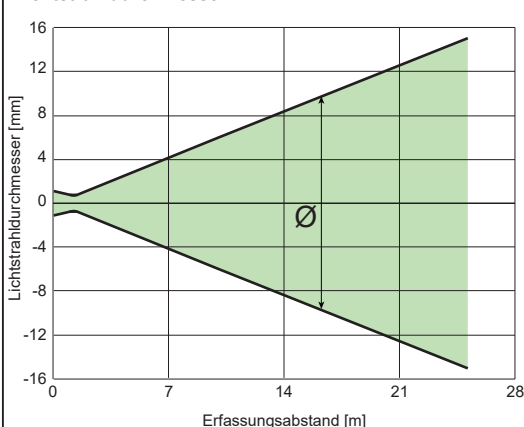
Vorsichtsmaßnahmen bei der Verdrahtung
Verwendung 'certified CYJV or R/C
CYJV2' Verlängerungskabel.

Ansprechkurven

Funktionsreserve



Lichtstrahldurchmesser



Kenndaten

Zulassungen	CE - UKCA - cULus - Ecolab
Maximaler Erfassungsbereich	30 m
Erfassungsbereich	0...25 m
Einstellung der Empfindlichkeit	Teach-Taste oder Steuereingang ET / Lock
Lichtsender	Laser, klasse 1 rot, 655 nm
Durchmesser des Lichtstrahls	siehe Kurve "Lichtstrahldurchmesser"
Wellenlänge	λ = 655 nm
Pulsbreite	t = 0.7 μs
Frequenz	f = 70 kHz
Strahlungsleistung	Pp = 4.5 mW
Grenzwert Puls	
Ausgabety	PNP (N.O. oder N.C.)
Leerlaufstrom	≤ 30 mA
Schaltstrom	≤ 100 mA
Schaltfrequenz	≤ 3500 Hz
Einschaltzeit (erstes Einschalten)	300 ms max.
Ansprechzeit	0,14 ms max.
Bereitstellungszeit	0,14 ms max.
Umgebungstemperatur	Betrieb : - 20...+60 °C Lagerung : - 20...+80 °C
Netzspannung	Bemessungsbetriebsspannung: 12...24 Vdc Welligkeit p-p maximal 10 % Betriebsbereich: 10...30 Vdc (einschließlich Welligkeit)
Produktschutz	Stromversorgung: Verpolungsschutz Ausgang: Kurzschlussschutz
Schutzklasse	IP67 entspricht EN/IEC 60529 IP69K entspricht DIN 40050
Vibrations-Resistenz	Frequenzbereich : 10 Hz bis 55 Hz Beschleunigung : 7 gn
Stoßfestigkeit	Spitzenbeschleunigung : 30 gn Dauer des Pulses : 11 ms
Zulässige Kabellänge	100 m
Material	Gehäuse : ABS/PC, Linse : PMMA
Werkseinstellung	max. Reichweite und N.O.

⚠️ WARNUNG

UNBEABSICHTIGTER BETRIEB VON GERÄTEN

- Verdrahtungs- und Konfigurationsanweisungen befolgen.
 - Linse regelmäßig säubern und dabei nicht verkratzen.
 - Anschlüsse und Befestigungen im Rahmen von Wartungsarbeiten prüfen.
- Die Nichtbeachtung dieser Anweisungen kann zu Tod, schwerer Körperverletzung oder Materialschäden führen.

⚠️ VORSICHT

BELASTUNG DURCH GEFÄHRLICHE LASERSTRAHLUNG

- Nicht in den Laserstrahl blicken.
 - Nicht unter - 20 °C betreiben.
 - Befolgen Sie alle Betriebsanweisungen.
- Die Nichtbeachtung dieser Anweisungen kann zu Körperverletzungen oder Materialschäden führen.



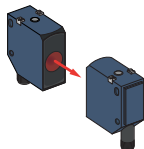
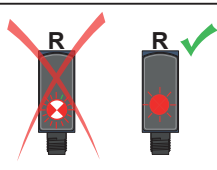
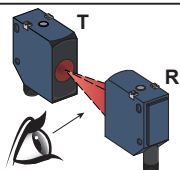
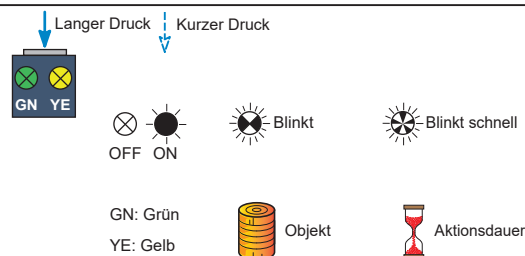
LASERGERÄT DER KLASSE 1
(DIN EN 60825-1)
Entspricht 21 CFR 1040.10 und 1040.11 mit
Ausnahme der Abweichungen gemäß Laser Notiz
Nr. 50 vom 24. Juni 2007.

Elektrische Geräte dürfen ausschließlich von qualifiziertem Fachpersonal installiert, bedient und gewartet werden.
Schneider Electric haftet für keinerlei Folgen, die sich ggf. aus der Verwendung dieses Materials ergeben.

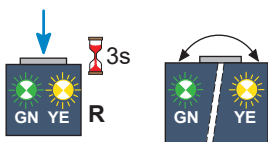
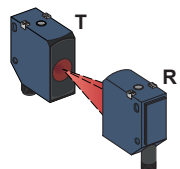
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Justage und Einstellung

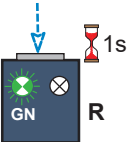
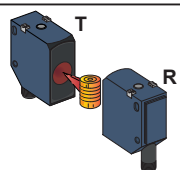
Per Taste oder Steuereingang.
Werkseinstellung = max. Reichweite

**Legende:****A Ersteinstellung über XUK2LAKSMM12T**

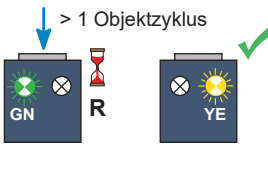
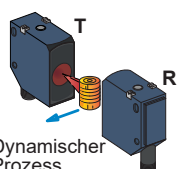
- 1 Einsatzbedingungen prüfen.
Bei freiem Lichtweg, Lichtfleck XUK2LAKSMM12T auf XUK2LAPSMM12R ausrichten.
Ausrichtanzeige (LED 3, rote in Frontscheibe XUK2LAPSMM12R) beachten.
Leuchtet sie, ist Ausrichtung OK.

**B Anpassung an Applikation XUK2LAPSMM12R**

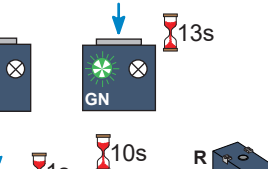
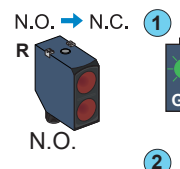
- Bei freiem Lichtweg Taste an XUK2LAPSMM12R (ca. 3 s) drücken, bis beide LEDs synchron blinken.
Taste loslassen (LEDs blinken asynchron).

**Bei stehendem Objekt (statisch):**

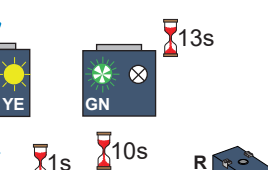
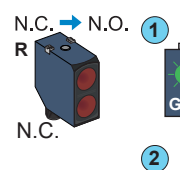
Objekt in Erfassungsbereich bringen.
Taste kurz drücken (1 s).
Taste loslassen.

**Bei bewegtem Objekt (dynamisch):**

Taste drücken und solange gedrückt halten, bis das Objekt mindestens einmal passiert ist. Taste loslassen. Einstellung wird gespeichert.
Sensor ist betriebsbereit.
Wird Objekt erkannt, erleuchtet (N.O. Einstellung) oder erlischt (N.C. Einstellung) die gelbe Status-LED.

**C Einstellung N.O. / N.C**

- 1 Empfänger-Teachtaste ohne Objekt ca. 13 s drücken.
Grüne LED blinkt schnell.
 - 2 Während grüne LED blinkt, Teachtaste 1 s drücken, um Ausgang umzukehren.
Ohne Objekt, gelbe LED aus= N.O., gelbe LED leuchtet = N.C.
- Wenn OK, Taste 10 s nicht betätigen.
Einstellung ist gespeichert. Sensor ist betriebsbereit.

**D Einstellung über Leitung (ET - External Teach / Lock) an XUK2LAPSMM12R**

+U_B = Teach-in (wie Taste)
- U_B = Taste verriegelt
nicht angeschlossen = Normalbetrieb (frei laufend).

**Manufacturer :**

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35 rue Joseph Monier
92500 Rueil Malmaison
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**UK Representative :**

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Факс.: +7 (727) 357 24 39

XUK2LA•SMM12R/T Sensor láser de barrera

XUK2LAKSMM12T

XUK2LAPSMM12R

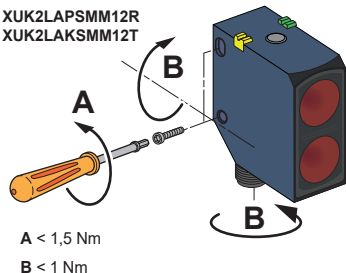
ECOLAB


<https://tesensors.com/global/en/document/S1B75481>

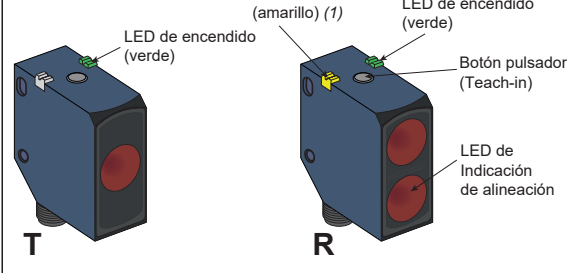
Escanee el código Qr para acceder a esta hoja de instrucciones en diferentes idiomas o puede descargarlo de nuestro sitio web en : **www.tesensors.com**

Agradecemos sus comentarios sobre este documento. Puede comunicarse con nosotros a través de la página de atención al cliente en su sitio web local.

El montaje y pares de apriete

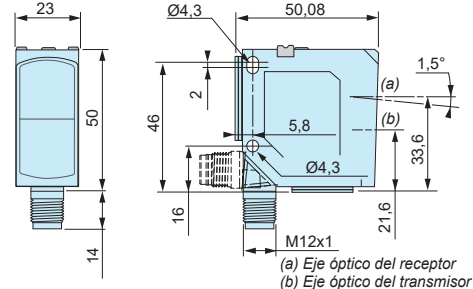
XUK2LAPSMM12R
XUK2LAKSMM12T

LED y configuraciones

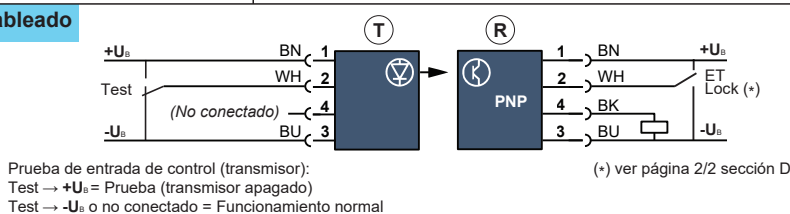
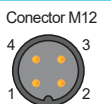


(1): Si el parpadeo es doble = contaminación

Dimensiones



Diagramas de cableado



BN	Marrón
WH	Blanco
BK	Negro
BU	Azul

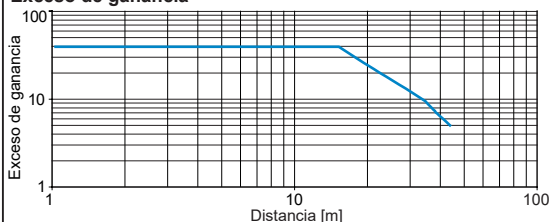


Precauciones de cableado

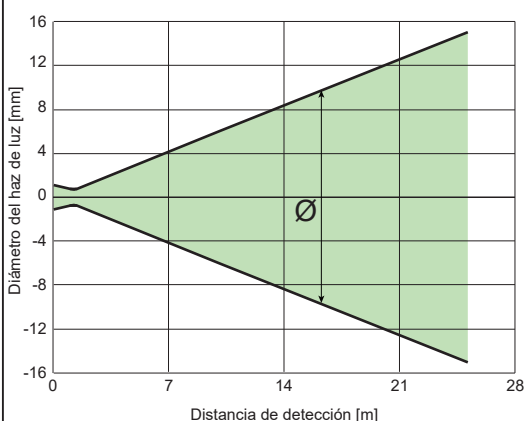
Uso cable de extensión 'certified CYJV or R/C CYJV2'

Curvas de detección

Exceso de ganancia



Diámetro del haz de luz



Características

Certificación	CE - UKCA - cULus - Ecolab
Distancia máxima de detección	30 m
Rango de exploración	0...25 m
Ajuste de la distancia de detección	Botón de aprendizaje o entrada de control ET / Lock
Color del haz de luz de detección	Láser clase 1, rojo, 655 nm
Tamaño del punto del haz de luz	ver curva "Diámetro del haz de luz"
Longitud de onda	$\lambda = 655 \text{ nm}$
Duración de los pulsos	$t = 0.7 \mu\text{s}$
Frecuencia	$f = 70 \text{ kHz}$
Límite de pulso de potencia radiante	$P_p = 4.5 \text{ mW}$
Tipo de salida	PNP (N.A. o N.C.)
Consumo de corriente	$\leq 30 \text{ mA}$
Capacidad de conmutación	$\leq 100 \text{ mA}$
Frecuencia de cambio	$\leq 3500 \text{ Hz}$
Demora al encendido	300 ms max.
Tiempo de respuesta	0,14 ms max.
Tiempo de recuperación	0,14 ms max.
Temperatura ambiente	En funcionamiento : $-20...+60^\circ\text{C}$ almacenamiento : $-20...+80^\circ\text{C}$
Tensión de alimentación	12 ... 24 V CC Rizado p-p 10% máximo - Rango de funcionamiento 10 ... 30 V CC (incluido rizado)
Protección del producto	Fuente de alimentación : protección contra polaridad inversa Salida: protección contra cortocircuitos
Grado de protección	IP67 conforme a EN/IEC 60529 IP69K conforme a DIN 40050
Resistencia de vibración	Rango de frecuencia: 10 Hz to 55 Hz Aceleración: 7 gn
Resistencia a los golpes	Aceleración máxima : 30 gn Duración del pulso : 11 ms
Longitud de cable permitida	100 m
Materiales	Carcasa : ABS/PC, Lente : PMMA
Ajustes de fábrica	Distancia de exploración máx. y N.A.

⚠ ADVERTENCIA

FUNCIONAMIENTO INESPERADO DEL EQUIPO

- Cumpla con las instrucciones de cableado y configuración.
 - Limpie la lente con regularidad y tenga cuidado de no rayarla.
 - Compruebe las conexiones y las fijaciones durante las operaciones de mantenimiento.
- Si no se siguen estas instrucciones pueden producirse lesiones personales graves o mortales o daños en el equipo.

⚠ AVISO

PELIGRO DE EXPOSICIÓN A LA RADIACIÓN LÁSER

- No fije la mirada en el haz.
- No utilice el aparato por debajo de los -20°C .
- Siga todas las instrucciones de funcionamiento.

Si no se siguen estas instrucciones pueden producirse lesiones personales o daños en el equipo.



PRODUCTO LÁSER DE CLASE 1
(DIN EN 60825-1)

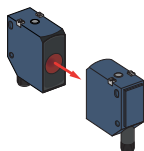
Cumple las normas 21 CFR 1040.10 y 1040.11, a excepción de las desviaciones según la nota sobre láser nº 50 del 24 de junio de 2007

La instalación, el manejo y el mantenimiento de los equipos eléctricos deberán ser realizados sólo por personal cualificado.
Schneider Electric no se hace responsable de ninguna de las consecuencias del uso de este material.

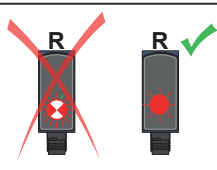
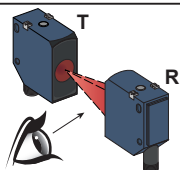
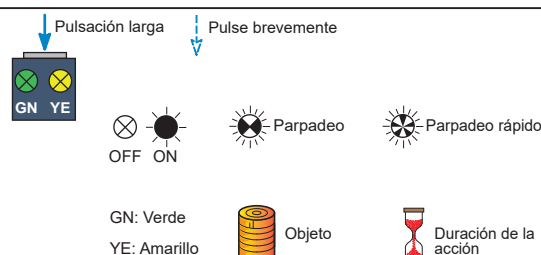
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Ajuste y configuración

Entrada por botón o control.
Configuración de fábrica = distancia de exploración máx.



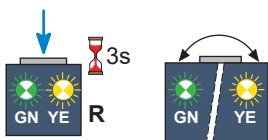
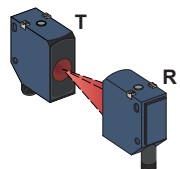
Leyenda :



A Configuración inicial con XUK2LAKSMM12T

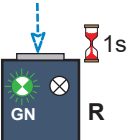
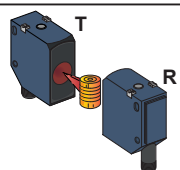
1 Compruebe las condiciones de funcionamiento.

Compruebe las condiciones de funcionamiento. Cuando el recorrido de la luz esté libre, alinee el punto de luz XUK2LAKSMM12T en XUK2LAPSMM12R. Preste atención a la indicación de alineación (LED 3, rojo de la pantalla frontal de XUK2LAPSMM12R). Si está activada, la alineación es correcta.



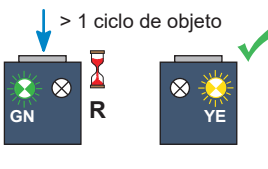
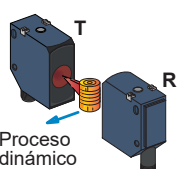
B Adaptación a la aplicación XUK2LAPSMM12R

Cuando el recorrido de la luz esté libre, pulse el botón en XUK2LAPSMM12R (unos tres segundos) hasta que ambos indicadores LED parpadeen de manera sincronizada. Suelte el botón (los LED parpadean de manera sincronizada).



Cuando el objeto no está en movimiento (estático):

Coloque el objeto dentro del rango de detección.
Pulse brevemente el botón (un segundo).
Suelte el botón.

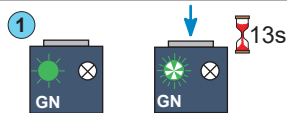


Cuando el objeto está en movimiento (dinámico):

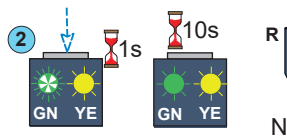
Pulse el botón pulsador y manténgalo pulsado hasta que el objeto haya pasado al menos una vez.
Suelte el botón. El ajuste quedará guardado.
El sensor está listo para utilizarse.
Si se detecta el objeto, el indicador LED amarillo de estado se encenderá (ajuste N.A.) o apagará (ajuste N.C.).

N.A. → N.C.

R



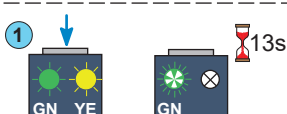
N.A.



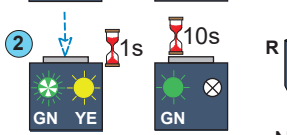
N.C.

N.C. → N.A.

R



N.C.



N.A.

C Configuración de N.A. / N.C.

1 Sin objeto, mantenga pulsado el botón de aprendizaje del receptor durante aproximadamente 13 s. El indicador LED verde parpadeará rápidamente.

2 Mientras parpadea el indicador LED verde, mantenga pulsado el botón de aprendizaje durante 1 s para invertir la salida. Sin objeto, indicador LED amarillo apagado = N.A., indicador LED amarillo encendido = N.C.

→ Cuando aparezca Aceptar, no pulse el botón hasta que hayan transcurrido 10 segundos. La configuración se guarda. El sensor está listo para funcionar.

D Configuración con entrada (ET - External Teach / Lock) del XUK2LAPSMM12R

+U_B = Aprendizaje interno (con botón)
- U_B = Botón bloqueado
no conectado = Funcionamiento normal (libre).



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France



UK Representative :

Schneider Electric Limited
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