

## Overview

Cubic molded plastic enclosure, IP67,  
connection using M8 connector

Visible laser light (red)  
Laser protection class 2 according to EN 60947-5-2

Contrast sensor for color mark sensing

- Sensing range 4 to 15 cm (adjustable using teach-in)

Rated operating voltage 24 V DC

Electronics output pnp

Supplied without mounting area and without reflector

## Technical specifications

Operating mode




Contrast sensor



Sensing range	cm	4 ... 15 (adjustable via teach-in)
Light spot diameter	mm	0.7 in focus
Operating voltage range (DC)	V	10 ... 30
No-load current $I_0$ , max.	mA	≤ 25
Output current $I_A$	mA	100
Switching frequency	Hz	4000
Wavelength (illuminant)	nm	650 (red)
Indicators		
• Switching state output		Yellow LED
• Surplus light		Green LED
Enclosure material		Molded plastic (ABS)
Degree of protection		IP67
Ambient temperature	°C	-20 ... +60
Type		3RG74 08-7CH00

## Selection and Ordering data

	Operating mode	Sensing range	Illuminant	Wiring	Switching output	Ckt. diag. No.	Order No.
		cm	nm				
	Contrast sensor	4 ... 15 (adjustable via "teach-in")	650 (red)	M8 plug, 4-pole, type B	pnp	14 A	<b>3RG74 08-7CH00</b>

## Accessories

Mounting bracket for form C20

**3RX7 308-0AA00**

A: Subject to export regulations: AL = N and ECCN = EAR99H

## Dimensions

3RG74 08-7CH00

