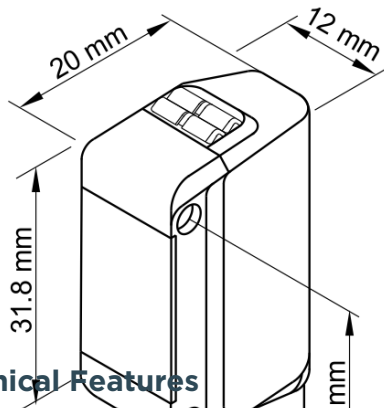


Mini Photoelectric Sensors - CXPLUS

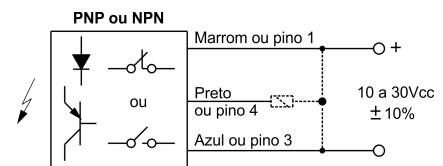
OR7KF-CXP-PN-V84_CE



Technical Drawing



Electric Connection



Technical Features

Line	CXP
System	Retro-Reflective with polarized filter
Manufacturer	Sense
Detectable object	opaque, translucent
Características Elétricas	
Response time	<2,5 ms
Supply Voltage	10 to 30Vdc
Ripple	10 %
Current consumption	< 23 mA
Características Mecânicas	
Sensing distance	7000 mm
Standard target	prismatic mirror 50x60
Minimum detectable object	Ø 5 mm
Repeatability	± 1,5 mm
Conexão Elétrica	
Connection	4 pins M8 connector
Dados da Saída	

Output configuration	PNP/ NPN
Operating mode	light / dark
Maximum switching current	100 mA
Output protection	short circuit and reverse polarity
Voltage drop on the sensor (state load)	< 2 V
Sensitivity adjustment	magnetic key
Dados ópticos	
Immunity to sunlight	10.000 lux (front)
Immunity incandescent light	10.000 lux (front)
light emitted	red
Polarized filter	yes
Invólucro	
Operating Temperature	-5°C to +55°C
Degree of protection	IP65, IP66, IP67
Housing	PBT and acrylic lenses
Weight	~ 9g
Sinalização	
Output signaling	yellow led
Signaling stability	green led

ORDERING DETAILS

Description	TE Part Number
OR7KF-CXP-PN-V84_CE	6000008311-SE

te.com

©2026 TE Connectivity plc. family of companies. All Rights Reserved.

TE Connectivity, TE, TE connectivity (logo), and EVERY CONNECTION COUNTS, Schaffner and Schaffner MORE POWER TO YOU are trademarks owned or licensed by TE Connectivity plc. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity assumes only those obligations set forth in the terms and conditions for this product and shall in no event be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

03/26 ED