



Fotocellule cilindriche M18 a riflessione con catarifrangente

M18 cylindrical reflex type with rear reflector photoelectric sensors

- **Diametri 18 mm**
18 mm diameters
- **Custodia plastica o metallica**
Plastic or Metal housing
- **Portate: 2000 mm (3000 mm con catarifrangente ø80)**
Sensing distance: 2000 mm (3000 mm with ø80mm reflector)
- **Versioni con ottica assiale (C) o radiale (CA)**
Assial (C) or radial (CA) optical versions
- **Versioni con uscita cavo e connettore M12**
Cable and M12 connector output
- **Versioni a 3 fili PNP - NPN NO - NC, 4 fili NO + NC e a 3 fili in c.a. NO - NC**
PNP - NPN - 3-wire NO - NC, 4-wire NO + NC and 2-wire a.c. NO - NC version

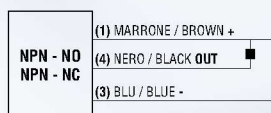
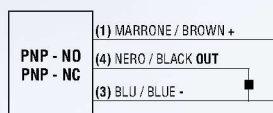
Caratteristiche versioni in c.c. - d.c. version features

	M18
Diametro sensore / Sensor diameter	M18
Emissione / Emission	IR MODULATO 880 nm / PULSED IR 880 nm
Tensione di alimentazione / Power supply	10 ÷ 30 Vcc / Vdc
Frequenza di commutazione / Switching frequency	150 Hz
Assorbimento / Power consumption	< 25 mA
Carico massimo / Maximum load	250 mA
Caduta di tensione / Voltage drop	< 2 V @ 250 mA
Temperatura di funzionamento / Working temperature	-25°C ÷ +70°C
Grado di protezione / IP rating	IP65
Custodia metallica / Metal housing	OTTONE NICHELATO / NICKEL PLATED BRASS
Custodia plastica / Plastic housing	ABS
Materiale lenti / Lenses material	PMMA

Caratteristiche versioni in c.a. - a.c. version features

	M18
Diametro sensore / Sensor diameter	M18
Emissione / Emission	IR MODULATO 880 nm / PULSED IR 880 nm
Tensione di alimentazione / Power supply	20 ÷ 230 Vca / Vac
Frequenza di commutazione / Switching frequency	25 Hz
Assorbimento / Power consumption	< 4 mA
Carico massimo / Maximum load	300 mA
Caduta di tensione / Voltage drop	< 3 V @ 300 mA
Temperatura di funzionamento / Working temperature	-25°C ÷ +70°C
Grado di protezione / IP rating	IP65
Custodia metallica / Metal housing	OTTONE NICHELATO / NICKEL PLATED BRASS
Custodia plastica / Plastic housing	ABS
Materiale lenti / Lenses material	PMMA

Collegamenti - Connections



* Colore fili del connettore / Connector wire color

Riferimenti collegamento con cavo L = 2 m / References with cable L = 2 m

Custodia Housing	Dimensioni Dimensions		Distanza d'intervento Sensing distance	PNP - NO	PNP NO / NC	PNP NO + NC	C.A. / A.C. NO
	A	B					
Plastica/ Plastic	65 mm	40 mm	2000 mm (3000 mm)	OCV81/CPNO ^{(1) (2) (3)}	OCV81/CPSC ^{(1) (3)}	OCV81/CPSC4 ^{(1) (3)}	OCV81/CC3NO ^{(2) (3)}
Plastica/ Plastic	75 mm	55 mm	2 ÷ 2000 mm (2 ÷ 3000 mm)	OCV81/CPNOR ^{(1) (2) (3)}	OCV81/CPSCR ^{(1) (3)}	OCV81/CPSC4R ^{(1) (3)}	OCV81/CC3NOR ^{(2) (3)}
Metallica/ Metal	65 mm	40 mm	2000 mm (3000 mm)	OCV81/CPNOM ^{(1) (2) (3)}	OCV81/CPSCM ^{(1) (3)}	OCV81/CPSC4M ^{(1) (3)}	OCV81/CC3NOM ^{(2) (3)}
Metallica/ Metal	75 mm	55 mm	2 ÷ 2000 mm (2 ÷ 3000 mm)	OCV81/CPNORM ^{(1) (2) (3)}	OCV81/CPSCRM ^{(1) (3)}	OCV81/CPSC4RM ^{(1) (3)}	OCV81/CC3NORM ^{(2) (3)}

Riferimenti con collegamento con connettore M12 / References with M12 connector

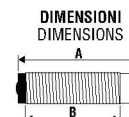
Custodia Housing	Dimensioni Dimensions		Distanza d'intervento Sensing distance	PNP - NO	PNP NO / NC	PNP NO + NC	C.A. / A.C. NO
	A	B					
Plastica/ Plastic	75 mm	40 mm	2000 mm (3000 mm)	OCV81/CPNOC5 ^{(1) (2) (3)}	OCV81/CPSCC5 ^{(1) (3)}	OCV81/CPSC4C5 ^{(1) (3)}	OCV81/CC3NOC5 ^{(2) (3)}
Metallica/ Metal	75 mm	40 mm	2000 mm (3000 mm)	OCV81/CPNOMC5 ^{(1) (2) (3)}	OCV81/CPSCMC5 ^{(1) (3)}	OCV81/CPSC4MC5 ^{(1) (3)}	OCV81/CC3NOMC5 ^{(2) (3)}
Metallica/ Metal	77 mm	40 mm	2 ÷ 2000 mm (2 ÷ 3000 mm)	OCV81/CPNORMC5 ^{(1) (2) (3)}	OCV81/CPSCRM5 ^{(1) (3)}	OCV81/CPSC4RM5 ^{(1) (3)}	OCV81/CC3NORMC5 ^{(2) (3)}

(1) - Versione NPN sostituire la "P" con la "N" / Replace "P" with "N" for NPN version

(2) - Versione NC sostituire la "O" con la "C" / Replace "O" with "C" for NC version

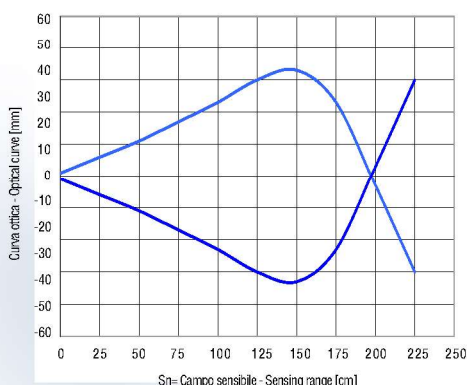
(3) - Versione con ottica a 90° aggiungere prima della "P" la "A" / Add before the "P" "A" for 90° optics version

Per maggiori informazioni consultare il datasheet "ocv81c.pdf" presente sul sito web: www.selet.it / For more information see datasheet "ocv81c.pdf" on this web site: www.selet.it



Curve ottiche - Optical curves

Modello C con catarifrangente Ø50 mm
C Type with Ø50 mm reflector



Modello C con catarifrangente Ø80 mm
C Type with Ø80 mm reflector

