

**FOTOCELLULE CILINDRICHE M18
BARRIERA PROIETTORE-RICEVITORE**

SERIE OCV81/B *SERIES*

***PHOTOELECTRIC CYLINDRICAL
SENSORS BEAM TYPE
SENDER - RECEIVER***

FOTOCELLULE CILINDRICHE M18 - BARRIERA

M18 CYLINDRICAL PHOTOELECTRIC SENSORS - BEAM TYPE

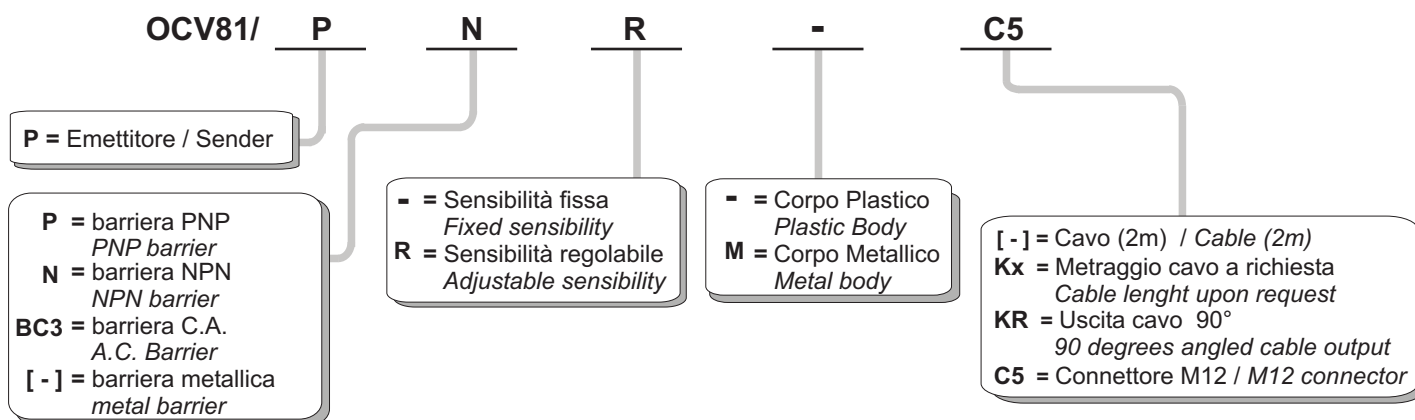


BARRIERE FOTOELETTRICHE STANDARD M18
VERSIONI IN ALTERNATA O CONTINUA, CON
PORTATA DA 15m C.C. - 10m A.C.
USCITA CAVO O CONNETTORE M12.
CONTENITORE PLASTICO O METALLICO.

STANDARD M18 PHOTOELECTRIC SENSORS
BEAM TYPE.
AC OR DC VERSIONS, SENSING DISTANCE
15m DC VERSIONS - 10m AC VERSIONS.
CABLE OUT OR M12 PLUG-IN CONNECTOR.
PLASTIC OR METAL CONNECTOR.

COME ORDINARE

HOW TO ORDER



OCV81/ **B** **N** **NO** **M** **C5**

B = Ricevitore / Receiver

ELETTRONICA
ELECTRONICS

P = PNP (Vcc/Vdc)
N = NPN (Vcc/Vdc)
C3 = Vca / Vac

USCITA
OUTPUT

NO = Normalmente aperta (impulso buio)
Normally open (dark on)
NC = Normalmente chiusa (impulso luce)
Normally closed (light-on)
SC4 = 2 uscite, NO+NC (4 Fili)
2 outputs, NO +NC (4 Wires)

CONNESSIONE
LINK

- = Cavo (2m)
Cable (2m)
Kx = Metraggio cavo a richiesta
Cable lenght upon request
KR = Uscita cavo 90°
90 degrees angled cable output
C5 = Connettore M12
M12 Connector

MATERIALE CORPO
BODY MATERIAL

- = Plastico
Plastic
M = Metallico
Metal

CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES
VERSIONE IN C.C.
D.C. TYPE

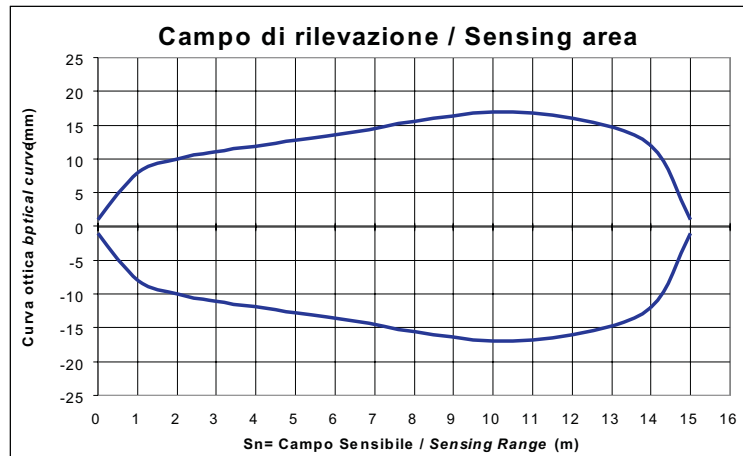
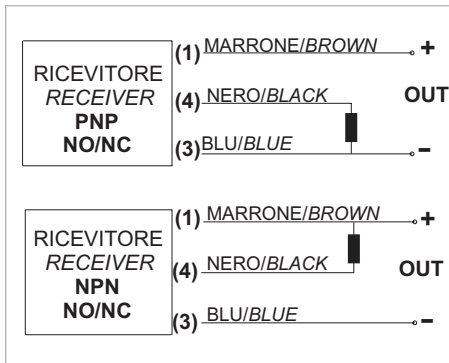
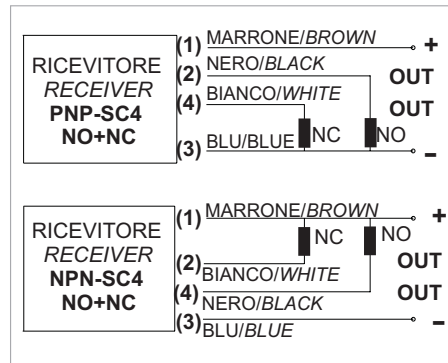
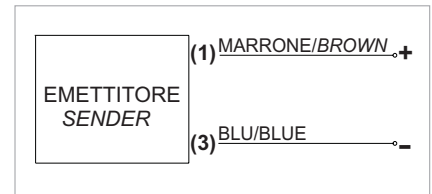
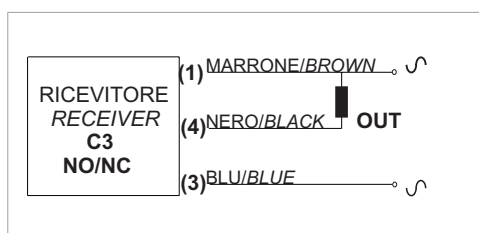
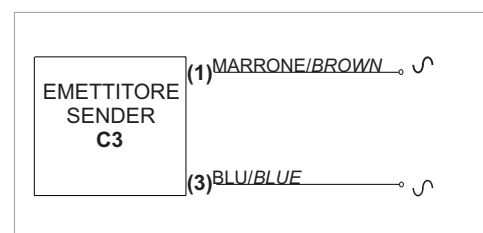
	EMETTITORE/SENDER	RICEVITORE/RECEIVER	
ALIMENTAZIONE	10 ÷ 30 Vdc		<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	≤ 10%		<i>RIPPLE</i>
ASSORBIMENTO	< 50 mA	< 25 mA	<i>POWER CONSUMPTION</i>
CARICO MASSIMO	-	250 mA	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	-	< 2V @ 250 mA	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	-	SI / YES	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE DI POLARITA'	SI / YES		<i>POLARITY REVERSAL PROTECTION</i>
COMPATIBILITA' ELETTROMAGNETICA CE	EN 60947-5-2		<i>CE COMPLIANCE</i>

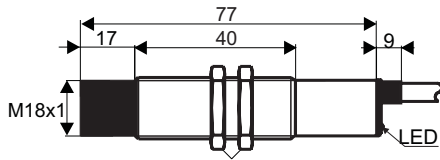
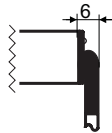
VERSIONE IN A.C.
A.C. TYPE

ALIMENTAZIONE	20 ÷ 230 Vac		<i>SUPPLY VOLTAGE</i>
ASSORBIMENTO	< 20 mA	< 25 mA	<i>POWER CONSUMPTION</i>
CARICO MASSIMO	-	250 mA	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	-	< 5 V @ 250 mA	<i>VOLTAGE DROP</i>
COMPATIBILITA' ELETTROMAGNETICA CE	EN 60947-5-2		<i>CE COMPLIANCE</i>

CARATTERISTICHE TECNICHE
ELECTRICAL FEATURES

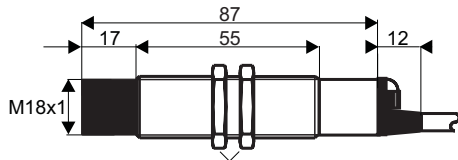
MODELLO	FISSO	OCV81/B - OCV81/P		FIXED	MODEL
	REG.	OCV81/B - OCV81/P...R		ADJ.	
DISTANZA DI RILEVAMENTO (mm)	(C.C.) 15 m (D.C.)		(C.A.) 10 m (A.C.)		<i>SENSING DISTANCE (mm)</i>
	0 ÷ 15 m		0 ÷ 10 m		
EMISSIONE	IR MODULATO 880 nm - PULSED IR 880 nm				<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA	(C.C.) 30 Hz (D.C.)		(C.A.) 5 Hz (A.C.)		<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA DI LAVORO	-10°C ÷ 50°C				<i>WORKING TEMPERATURE</i>
TEMPERATURA DI STOCCAGGIO	-25°C ÷ 70°C				<i>STORAGE TEMPERATURE</i>
MATERIALE CORPO PLASTICO	ABS				<i>PLASTIC BODY MATERIAL</i>
MATERIALE CORPO METALLICO	OTTONE NICHELATO / NICHEL PLATED BRASS				<i>METAL BODY MATERIAL</i>
MATERIALE LENTI	PMMA				<i>LENSES MATERIAL</i>
GRADO DI PROTEZIONE	IP65				<i>PROTECTION RATING</i>

CURVE OTTICHE
OPTIC CURVES

CONNESSIONI
CONNECTIONS
3 FILI C.C. / 3 WIRES D.C.

4 FILI SC (C.C.) / 4 WIRES (D.C.)

C.C. / D.C.

3 FILI C.A. / 3 WIRES (A.C.)

C.A. / A.C.


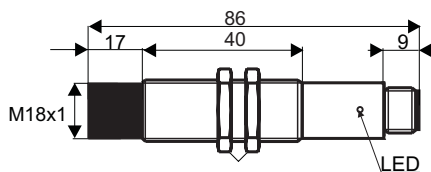
DIMENSIONI MECCANICHE
MECHANICAL SIZE
CONTENITORE METALLICO / METAL BODY
VERSIONE NON REGOLABILE
FIXED VERSION

 USCITA CAVO 90°
 90 DEGREES ANGLED
 CABLE OUTPUT

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

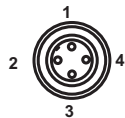
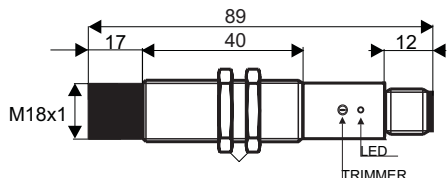
 VISTA USCITA CAVO
 CABLE OUTPUT VIEW

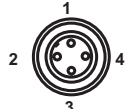
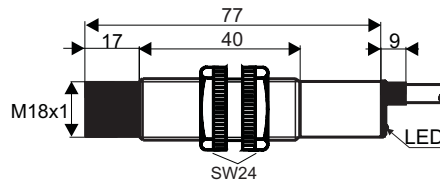
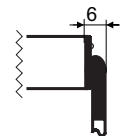
 VISTA USCITA CAVO 90°
 90 DEGREES ANGLED
 CABLE OUTPUT VIEW

VERSIONE REGOLABILE
ADJUSTABLE VERSION

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO
 CABLE OUTPUT VIEW

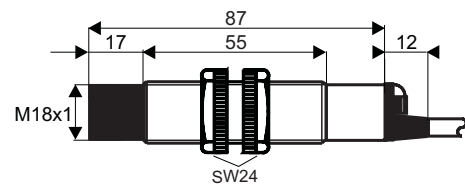
VERSIONE NON REGOLABILE
FIXED VERSION

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12
 M12 CONNECTOR OUTPUT VIEW

VERSIONE REGOLABILE
ADJUSTABLE VERSION

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

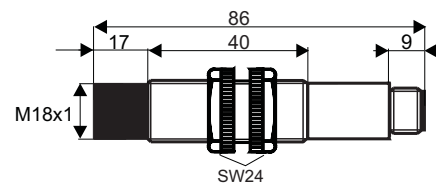
 VISTA USCITA CONNETTORE M12
 M12 CONNECTOR OUTPUT VIEW

CONTENITORE PLASTICO / PLASTIC BODY
VERSIONE NON REGOLABILE
FIXED VERSION

 USCITA CAVO 90°
 90 DEGREES ANGLED
 CABLE OUTPUT

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

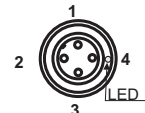
 VISTA USCITA CAVO
 CABLE OUTPUT VIEW

 VISTA USCITA CAVO 90°
 90 DEGREES ANGLED
 CABLE OUTPUT VIEW

VERSIONE REGOLABILE
ADJUSTABLE VERSION

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO
 CABLE OUTPUT VIEW

VERSIONE NON REGOLABILE
FIXED VERSION

 VISTA PARTE SENSIBILE
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12
 M12 CONNECTOR OUTPUT VIEW


ELENCO PRODOTTI
PRODUCT LIST
EMETTITORE
SENDER

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP	OCV81/PP	OCV81/PPC5	OCV81/PM	OCV81/PMC5
NPN	OCV81/PN	OCV81/PNC5	OCV81/PM	OCV81/PMC5
C.A.	OCV81/PBC3	OCV81/PBC3C5	OCV81/PC3M	OCV81/PC3MC5

EMETTITORE VERSIONE REGOLABILE
SENDER ADJUSTABLE VERSION

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP	OCV81/PPR	-	OCV81/PRM	OCV81/PRMC5
NPN	OCV81/PNR	-	OCV81/PRM	OCV81/PRMC5
C.A.	OCV81/PBC3R	-	OCV81/PC3RM	OCV81/PC3RMC5

RICEVITORE
RECEIVER

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
USCITA/OUTPUT				
PNP NO	OCV81/BPNO	OCV81/BPNOC5	OCV81/BPNOM	OCV81/BPNOMC5
PNP NC	OCV81/BPNC	OCV81/BPNCC5	OCV81/BPNCM	OCV81/BPNCMC5
PNP SC4	OCV81/BPSC4	OCV81/BPSC4C5	OCV81/BPSC4M	OCV81/BPSC4MC5
NPN NO	OCV81/BNNO	OCV81/BNNOC5	OCV81/BNNOM	OCV81/BNNOMC5
NPN NC	OCV81/BNNC	OCV81/BNNCC5	OCV81/BNNCM	OCV81/BNNCMC5
NPN SC4	OCV81/BNSC4	OCV81/BNSC4C5	OCV81/BNSC4M	OCV81/BNSC4MC5
C.A. NO	OCV81/BC3NO	OCV81/BC3NOC5	OCV81/BC3NOM	OCV81/BC3NOMC5
C.A. NC	OCV81/BC3NC	OCV81/BC3NCC5	OCV81/BC3NCM	OCV81/BC3NCMC5

RIFERIMENTI CONNETTORI PARTE VOLANTE
CONNECTOR LOOSE PART CODES

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90° / DEGREES ANGLED CABLE OUTPUT	M12
CABLE / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20-22 II - L= 5 m	L90500	C90500	4 POLI / 4 POLES

Altri prodotti

- interruttori di prossimità induttivi;
- interruttori di prossimità capacitivi;
- interruttori di prossimità magnetici;
- interruttori di prossimità fotoelettrici;

- connettori e cassette di connessione per sensori;

- encoder incrementali ed assoluti;

- alimentatori / interfacce per sensori;
- alimentatori da rete e da secondario per uso generico;

- voltmetri, amperometri, contagiri, visualizzatori a pannello;
- contaimpulsi mono e bidirezionali, contaproduzione, contagiri;
- termometri e termoregolatori

- schede logiche programmabili per uso OEM;

- pulsanteria e finecorsa meccanici;

Other products:

- *inductive proximity switches;*
- *capacitive proximity switches;*
- *magnetic proximity switches;*
- *photo-electric sensors & proximity switches;*

- *connectors & connection boxes for sensor;*

- *incremental & absolute encoders;*

- *supply units / interfaces for sensors;*
- *power supply units for general purpose;*

- *voltmeters, ammeters, revolution counters, panel displays;*
- *counters mono & bi-directional, timers, revolution counters;*
- *thermometers & temperature controllers;*

- *OEM programmable logic cards;*

- *push-button & mechanical limit switches;*