

**FOTOCEDURE CILINDRICHE M18
BARRIERA PROIETTORE-RICEVITORE
CON LETTURA A 90°**

SERIE OCV81/BA *SERIES*

***PHOTOELECTRIC SENSORS
BEAM TYPE SENDER - RECEIVER
WITH RADIAL CYLINDRICAL HOUSING***

FOTOCELLULE CILINDRICHE M18 - BARRIERA - CON LETTURA A 90° M18 PHOTOELECTRIC SENSORS - BEAM TYPE WITH RADIAL CYLINDRICAL HOUSING



**BARRIERE FOTOELETTRICHE STANDARD M18
CON TESTINA A 90°.**
**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 WITH RADIAL CYLINDRICAL HOUSING.**
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/ PA N R - C5

PA = Emittitore / Sender

P = barriera PNP
PNP barrier
N = barriera NPN
NPN barrier
BC3 = barriera C.A.
A.C. Barrier
[-] = barriera metallica
metal barrier

- = Sensibilità fissa
Fixed sensibility
R = Sensibilità regolabile
Adjustable sensibility

- = Corpo Plastico
Plastic Body
M = Corpo Metallico
Metal body

[-] = 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

OCV81/ B N NO M C5

BA = 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
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

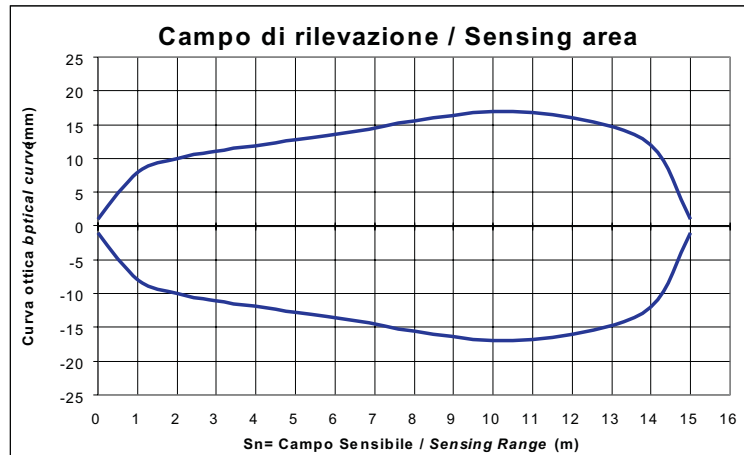
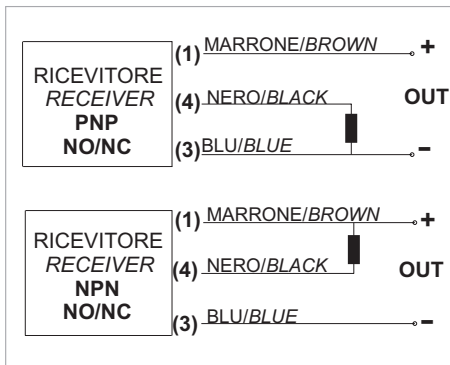
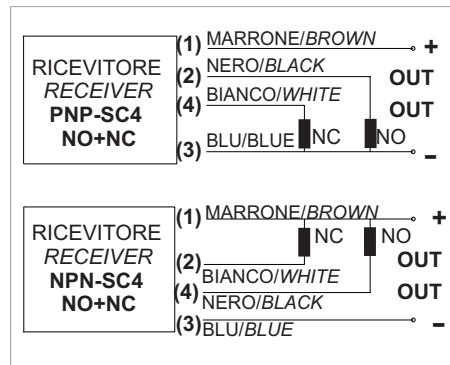
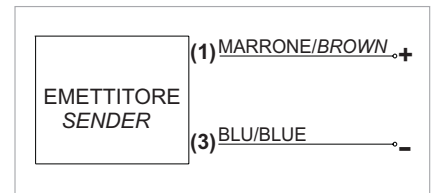
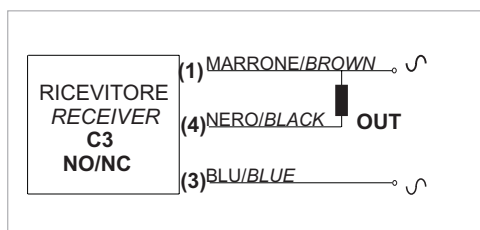
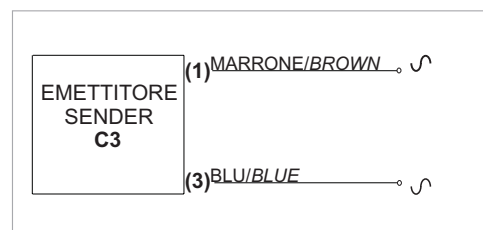
	EMETTITORE/SENDER	RICEVITORE/RECEIVER	
ALIMENTAZIONE	10 ÷ 30 Vdc		SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%		RIPPLE
ASSORBIMENTO	< 50 mA	< 25 mA	POWER CONSUMPTION
CARICO MASSIMO	-	250 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	-	< 2V @ 250 mA	VOLTAGE DROP
PROTEZIONE C.C.	-	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE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

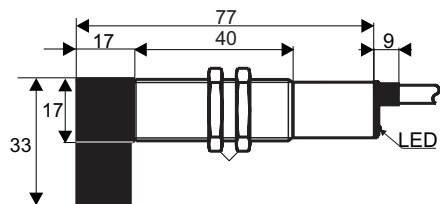
VERSIONE IN A.C.
A.C. TYPE

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

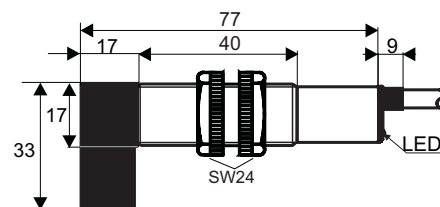
CARATTERISTICHE TECNICHE
ELECTRICAL FEATURES

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

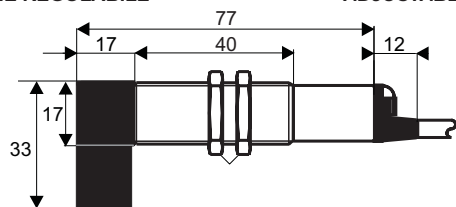
CURVE OTTICHE
OPTIC CURVES

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

VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

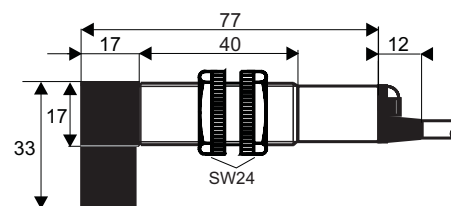
VISTA USCITA CAVO
CABLE OUTPUT VIEW

CONTENITORE PLASTICO / PLASTIC BODY
VERSIONE NON REGOLABILE
FIXED VERSION

VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

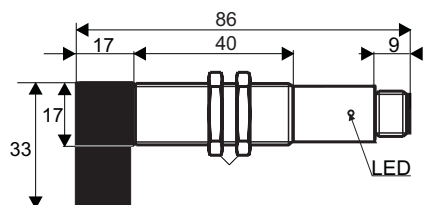
VISTA USCITA CAVO
CABLE OUTPUT VIEW

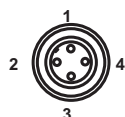
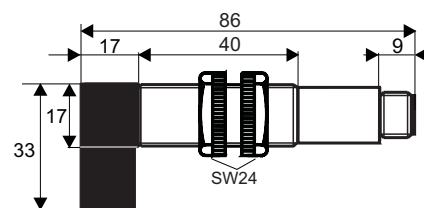
VERSIONE REGOLABILE
ADJUSTABLE VERSION

VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

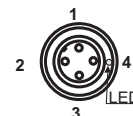
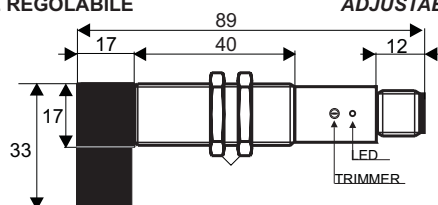
VISTA USCITA CAVO
CABLE OUTPUT VIEW

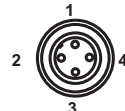
VERSIONE REGOLABILE
ADJUSTABLE VERSION

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 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


ELENCO PRODOTTI
PRODUCT LIST
EMETTITORE
SENDER

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP	OCV81/PAP	OCV81/PAPC5	OCV81/PAM	OCV81/PAMC5
NPN	OCV81/PAN	OCV81/PANC5	OCV81/PAM	OCV81/PAMC5
C.A.	OCV81/PABC3	OCV81/PABC3C5	OCV81/PAC3M	OCV81/PAC3MC5

EMETTITORE VERSIONE REGOLABILE
SENDER ADJUSTABLE VERSION

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP	OCV81/PAPR	-	OCV81/PARM	OCV81/PARMC5
NPN	OCV81/PANR	-	OCV81/PARM	OCV81/PARMC5
C.A.	OCV81/PABC3R	-	OCV81/PAC3RM	OCV81/PAC3RMC5

RICEVITORE
RECEIVER

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
USCITA/OUTPUT				
PNP NO	OCV81/BAPNO	OCV81/BAPNOC5	OCV81/BAPNOM	OCV81/BAPNOMC5
PNP NC	OCV81/BAPNC	OCV81/BAPNCC5	OCV81/BAPNCM	OCV81/BAPNCMC5
PNP SC4	OCV81/BAPSC4	OCV81/BAPSC4C5	OCV81/BAPSC4M	OCV81/BAPSC4MC5
NPN NO	OCV81/BANNO	OCV81/BANNOC5	OCV81/BANNOM	OCV81/BANNOMC5
NPN NC	OCV81/BANNC	OCV81/BANNCC5	OCV81/BANNCM	OCV81/BANNCMC5
NPN SC4	OCV81/BANSC4	OCV81/BANSC4C5	OCV81/BANSC4M	OCV81/BANSC4MC5
C.A. NO	OCV81/BAC3NO	OCV81/BAC3NOC5	OCV81/BAC3NOM	OCV81/BAC3NOMC5
C.A. NC	OCV81/BAC3NC	OCV81/BAC3NCC5	OCV81/BAC3NCM	OCV81/BAC3NCMC5

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