

**FOTOCEDURE CILINDRICHE M18
CON FIBRE OTTICHE
TASTEGGIO DIRETTO
E SBARRAMENTO**

SERIE OCV81/F *SERIES*

***PHOTOELECTRIC CYLINDRICAL
SENSORS WITH OPTIC FIBER
DIFFUSE TYPE & BEAM TYPE***

FOTOCELLE CILINDRICHE M18 CON FIBRE OTTICHE M18 CYLINDRICAL PHOTOELECTRIC SENSORS - WITH OPTIC FIBER



**CORPO AMPLIFICATORE FOTOCELLE STANDARD
M18 CON FIBRE OTTICHE
VERSIONI A TASTEGGIO DIRETTO E SBARRAMENTO.
USCITA CAVO O CONNETTORE M12.
CONTENITORE PLASTICO O METALLICO.**

**STANDARD BODY AMPLIFIER M18 PHOTOELECTRIC
SENSORS WITH OPTIC FIBER
DIFFUSE TYPE AND BEAM TYPE VERSIONS.
CABLE OUT OR M12 PLUG-IN CONNECTOR.
PLASTIC OR METAL BODY**

COME ORDINARE
HOW TO ORDER
OCV81 / F P NO R M C5

F = Corpo amplificatore per fibra
ottica
Body amplifier for optic fiber

**ELETTRONICA
ELECTRONICS**

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

**USCITA
OUTPUT**

NO = Normalmente aperta (impulso luce)
Normally open (light on)
NC = Normalmente chiusa (impulso buio)
Normally closed (dark-on)
SC = NO/NC selezionabile (3 Fili)
NO/NC programmable (3 Wires)

**CONNESSIONE
LINK**

- = Cavo (2m)
Cable (2m)
Kx = Metraggio cavo a
richiesta
*Cable length 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

**SENSIBILITA'
SENSITIVITY**

- = Fissa
Fixed
R = Regolabile
Adjustment

FIBRA OTTICA
FPO / D
OPTIC FIBER

FPO = Fibra ottica plastica
Plastic type optic fiber

D = Tasteggio diretto
Diffuse type
B = Sbarramento
Beam type

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

ALIMENTAZIONE	10 ÷ 30 Vdc	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ ±10%	RIPPLE
ASSORBIMENTO	< 25 mA	POWER CONSUMPTION
CARICO MASSIMO	250 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	< 2V @ 200 mA	VOLTAGE DROP
PROTEZIONE C.C.	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERSIONE DI POLARITA'	SI / YES	POLARITY REVERSAL PROTECTION
COMPATIBILITA' ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE

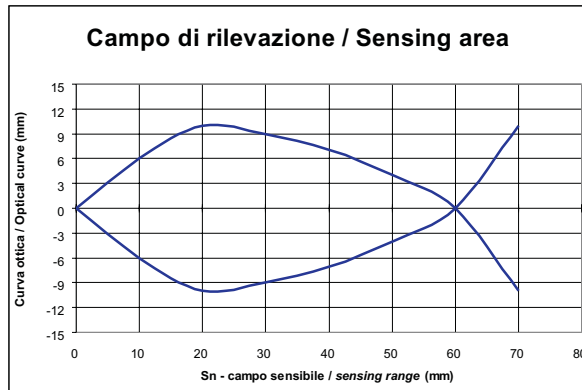
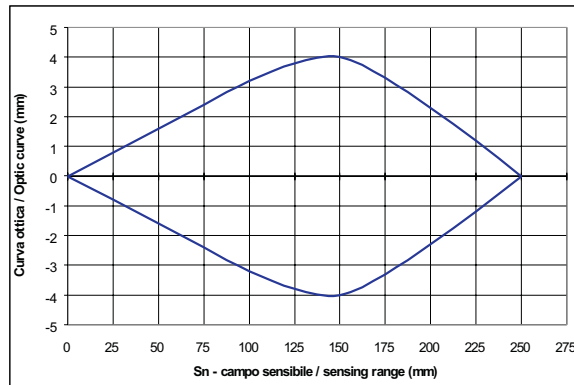
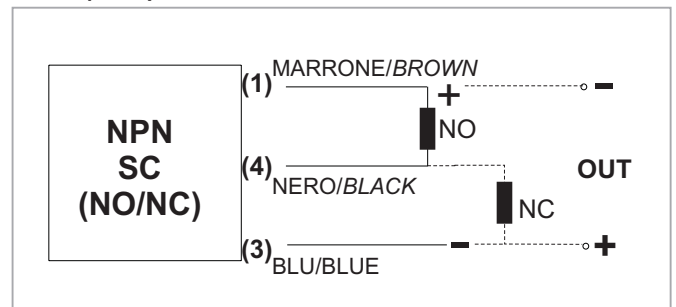
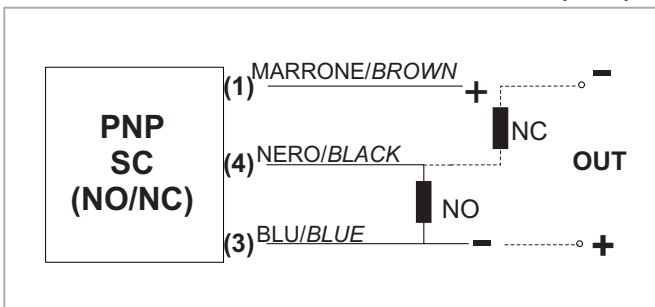
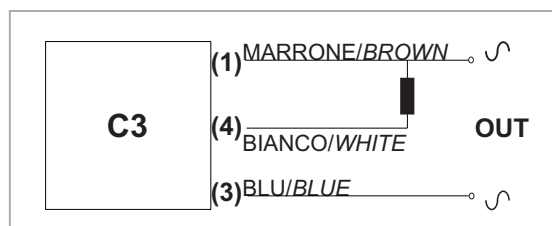
VERSIONE IN A.C.
A.C. TYPE

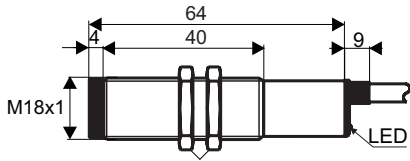
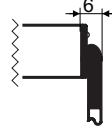
ALIMENTAZIONE	20 ÷ 230 Vac	SUPPLY VOLTAGE
ASSORBIMENTO	< 4 mA	POWER CONSUMPTION
CARICO MASSIMO	300 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	< 3 V	VOLTAGE DROP
COMPATIBILITA' ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE

CARATTERISTICHE TECNICHE
TECHNICAL FEATURES

MODELLO	FISSO	OCV81/F...+FPO/D	OCV81/F...+FPO/B	FIXED	MODEL
	REG.	OCV81/F...R...+FPO/D	OCV81/F...R...+FPO/B	ADJ.	
DISTANZA DI RILEVAMENTO (mm)		80*	250		SENSING DISTANCE (mm)
		1÷80	1÷250		
EMISSIONE		LUCE ROSSA VISIBILE – 650 nm – VISIBLE RED LIGHT			EMISSION
FREQUENZA DI COMMUTAZIONE MASSIMA		(C.C.) 250 Hz (D.C.) (C.A.) 15 Hz (A.C.)			MAXIMUM WORKING FREQUENCY
TEMPERATURA DI LAVORO		-25°C ÷ 50°C			WORKING TEMPERATURE
MATERIALE CORPO PLASTICO		ABS			PLASTIC BODY MATERIAL
MATERIALE CORPO METALLICO		OTTONE NICHELATO / NICHEL PLATED BRASS			METAL BODY MATERIAL
MATERIALE FIBRA		PLASTICA / PLASTIC			FIBER MATERIAL
GRADO DI PROTEZIONE		IP66			PROTECTION RATING

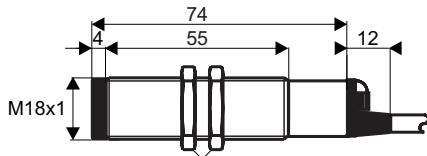
* PORTATA RIFERITA AL RILEVAMENTO DI UN FOGLIO DI CARTA BIANCA NON LUCIDA DI DIMENSIONI 20 x 20 mm
SENSING DISTANCE ARE REFERED TO FOLLOWING CONDITIONS: 80 mm WITH WHITE PAPER NOT GLOSSY 20 x 20 mm.

FIBRA OTTICA A TASTEGGIO / DIFFUSE TYPE OPTICAL FIBER

FIBRA OTTICA A BARRIERA / BEAM TYPE OPTICAL FIBER

COLLEGAMENTI
CONNECTIONS
3 FILI SC (C.C.) / 3 WIRES SC (D.C.)

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


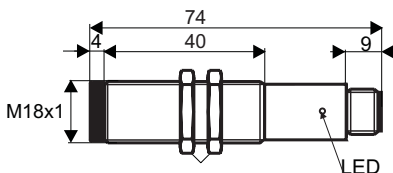
DIMENSIONI MECCANICHE
MECHANICAL SIZE
CONTENITORE METALLICO / METAL BODY
VERSIONE NON REGOLABILE
FIXED VERSION

 USCITA CAVO 90°
90 DEGREES ANGLED
CABLE OUTPUT

 VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

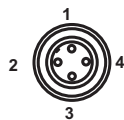
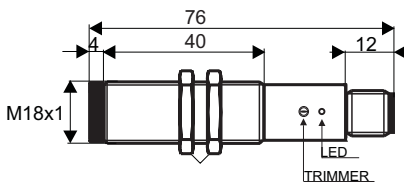
 VISTA USCITA CAVO
CABLE OUTPUT VIEW

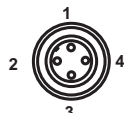
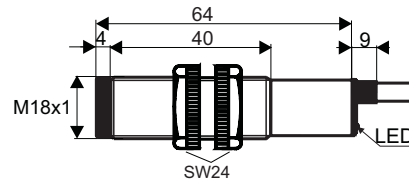
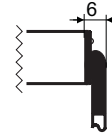
 VISTA USCITA CAVO 90°
90 DEGREES ANGLED
CABLE OUTPUT VIEW

VERSIONE REGOLABILE
ADJUSTABLE VERSION

 VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

 VISTA USCITA CAVO
CABLE OUTPUT VIEW

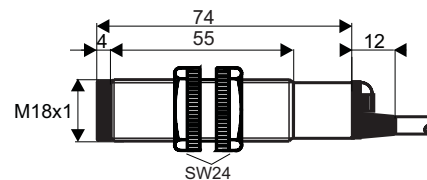
VERSIONE NON REGOLABILE
FIXED VERSION

 VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW

VERSIONE REGOLABILE
ADJUSTABLE VERSION

 VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

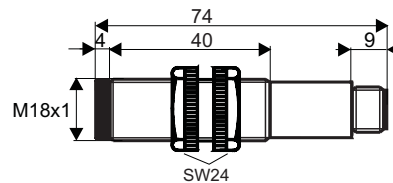
 VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW

CONTENITORE PLASTICO / PLASTIC BODY
VERSIONE NON REGOLABILE
FIXED VERSION

 USCITA CAVO 90°
90 DEGREES ANGLED
CABLE OUTPUT

 VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW

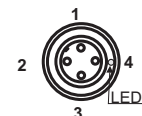
 VISTA USCITA CAVO
CABLE OUTPUT VIEW

 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

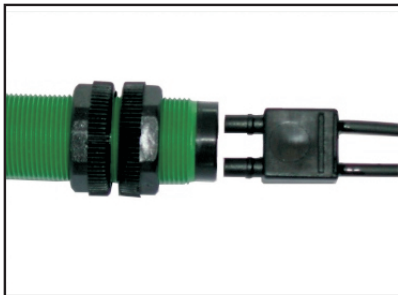
 VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW


ELENCO PRODOTTI
PRODUCTS LIST
CORPO AMPLIFICATORE
BODY AMPLIFIER
MODELLO F
F TYPE

USCITA/OUTPUT	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP SC	OCV81/FPSC	OCV81/FPSCC5	OCV81/F1PSCM	OCV81/FPSCMC5
NPN SC	OCV81/FNSC	OCV81/FNSCC5	OCV81/FNSCM	OCV81/FNSCMC5
C.A. NO	OCV81/FC3NO	OCV81/FC3NOC5	OCV81/FC3NOM	OCV81/FC3NOMC5
C.A. NC	OCV81/FC3NC	OCV81/FC3NCC5	OCV81/FC3NCM	OCV81/FC3NCMC5

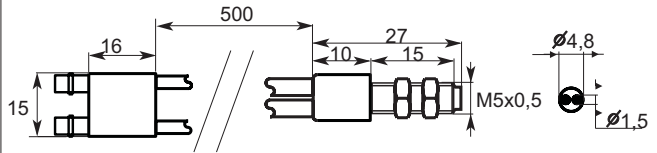
MODELLO F REGOLABILE
F TYPE - ADJUSTABLE

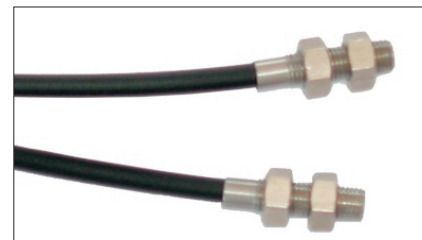
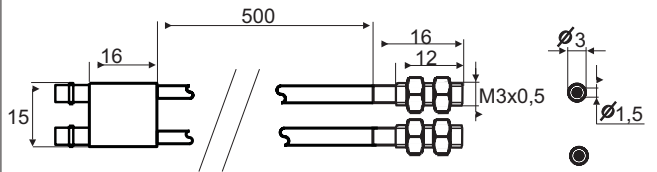
USCITA/OUTPUT	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP SC	OCV81/FPSCR	-	OCV81/F1PSCRM	OCV81/FPSCRCM5
NPN SC	OCV81/FNSCR	-	OCV81/FNSCRM	OCV81/FNSCRCM5

MONTAGGIO FIBRA OTTICA
OPTIC FIBER MOUNTING
1
2
3


1. Inserire lo spinotto nella testa della fotocellula.
1. Insert the gudgeon pin in the photocell's head.
2. Premere.
2. Push.
3. Pressare fino in fondo in modo da tenere bloccato lo spinotto.
3. Press to the end so as to keep hold the gudgeon pin.

FIBRE OTTICHE
OPTIC FIBER
Fibra ottica a tasteggio diretto - Diffuse type optic fiber

DIMENSIONI MECCANICHE
MECHANICAL SIZE

FPO/D = fibra ottica tasteggio diretto / diffuse type optic fiber
Fibra ottica a barriera - Beam type optic fiber

DIMENSIONI MECCANICHE
MECHANICAL SIZE

FPO/B = fibra ottica barriera / beam type optic fiber

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;*