

**FOTOCPELLULE CILINDRICHE M18
TASTEGGIO FOCALIZZATO**

SERIE OCV81/DF *SERIES*

***M18 PHOTOELECTRIC CYLINDRICAL
SENSORS FOCUSED TYPE***

FOTOCELLE CILINDRICHE M18 - TASTEGGIO FOCALIZZATO M18 CYLINDRICAL PHOTOELECTRIC SENSORS - FOCUSED



FOTOCELLE STANDARD M18 A TASTEGGIO FOCALIZZATO.
VERSIONI A 20 E 35 mm DI PORTATA.
USCITA CAVO O CONNETTORE M12.
CONTENITORE PLASTICO O METALLICO.

*STANDARD M18 PHOTOELECTRIC SENSORS
FOCUSED TYPE.
SENSING DISTANCE VERSIONS 20 &
35 mm.
CABLE OUT OR M12 PLUG-IN CONNECTOR.
PLASTIC OR METAL BODY*

COME ORDINARE
HOW TO ORDER

OCV81/ DF50 P NO M -

Sn (Distanza di rilevamento)
Sn (Sensing distance)

DF = TASTEGGIO FOCALIZZATO
20 mm

DF50 = TASTEGGIO FOCALIZZATO
35 mm

ELETTRONICA
ELECTRONICS

P = PNP

N = NPN

USCITA
OUTPUT

NO = Normalmente aperta (impulso luce)
Normally open (light 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

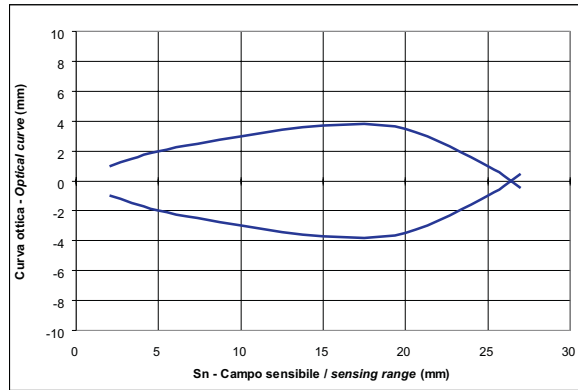
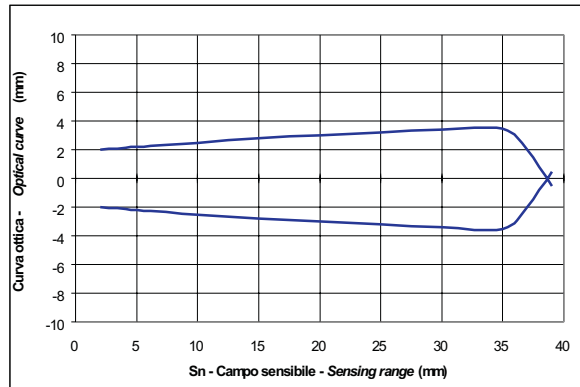
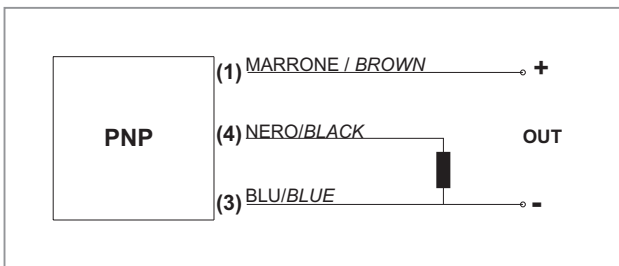
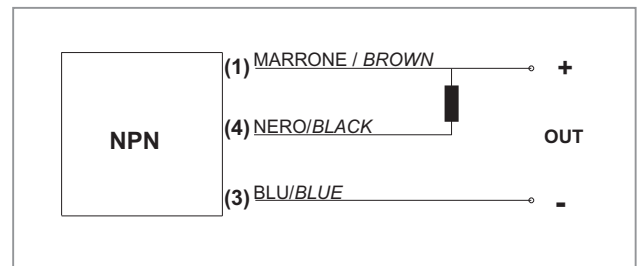
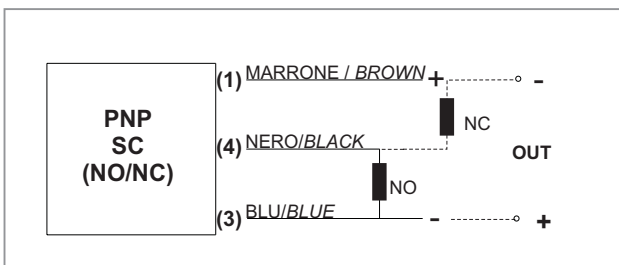
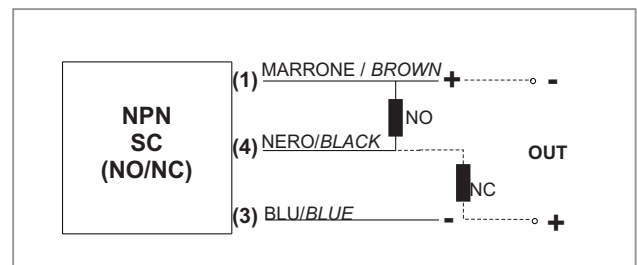
M = Metallo
Metal

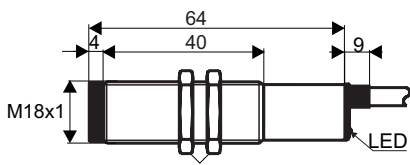
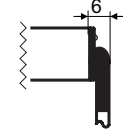
CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES
VERSIONE IN C.C.
D.C. TYPE

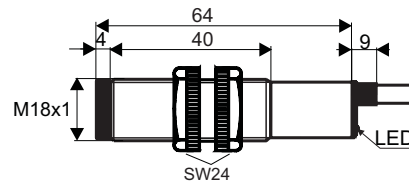
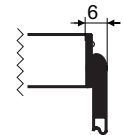
ALIMENTAZIONE	10 ÷ 30 Vdc	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	≤ 10%	<i>RIPPLE</i>
ASSORBIMENTO	< 25 mA	<i>POWER CONSUMPTION</i>
CARICO MASSIMO	250 mA	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	< 2V@250mA	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	SI / YES	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE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

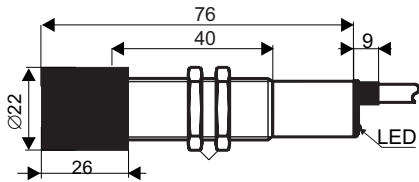
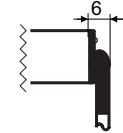
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES

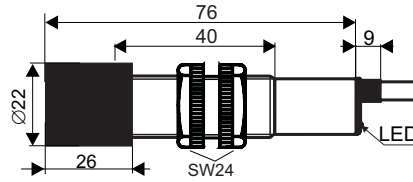
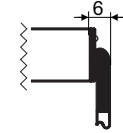
MODELLO	DF	DF50	MODEL
DISTANZA DI RILEVAMENTO (mm)	20mm	35mm	<i>SENSING DISTANCE(mm)</i>
EMISSIONE	IR MODULATO 880 nm <i>PULSED IR 880 nm</i>	LUCE ROSSA VISIBILE 650 nm <i>VISIBLE RED LIGHT 650 nm</i>	<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA	150 Hz		<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA 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>

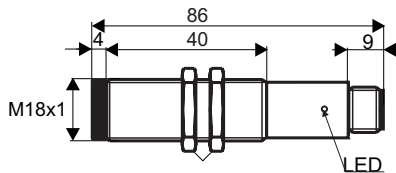
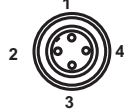
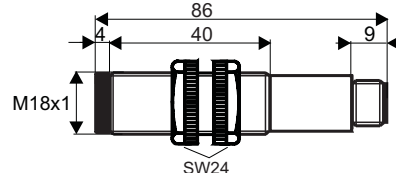
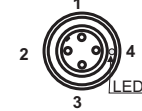
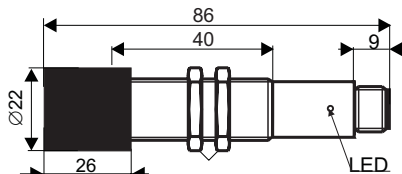
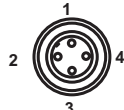
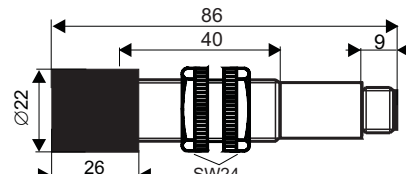
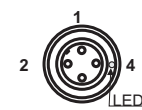
MODELLO DF TYPE

MODELLO DF50 TYPE

CONNESSIONI
CONNECTIONS
OCV81/DF...PNO

OCV81/DF...NNO

OCV81/DF...PSC

OCV81/DF...NSC


DIMENSIONI MECCANICHE
MECHANICAL SIZE
CONTENITORE METALLICO / METAL BODY
VERSIONE DF USCITA CAVO
DF VERSION CABLE OUTPUT

**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**

CONTENITORE PLASTICO / PLASTIC BODY
VERSIONE DF USCITA CAVO
DF VERSION CABLE OUTPUT

**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 DF50 USCITA CAVO
DF50 VERSION CABLE OUTPUT

**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 DF50 USCITA CAVO
DF50 VERSION CABLE OUTPUT

**USCITA CAVO 90°
90 DEGREES ANGLED
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**VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW**
**VISTA USCITA CAVO
CABLE OUTPUT VIEW**
**VISTA USCITA CAVO 90°
90 DEGREES ANGLED
CABLE OUTPUT VIEW**

VERSIONE DF USCITA CONNETTORE
DF CONNECTOR OUTPUT VERSION

**VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW**

VERSIONE DF USCITA CONNETTORE
DF CONNECTOR OUTPUT VERSION

**VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW**

VERSIONE DF50 USCITA CONNETTORE
DF50 CONNECTOR OUTPUT VERSION

**VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW**

VERSIONE DF50 USCITA CONNETTORE
DF50 CONNECTOR OUTPUT VERSION

**VISTA PARTE SENSIBILE
SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE M12
M12 CONNECTOR OUTPUT VIEW**


ELENCO PRODOTTI
PRODUCTS LIST
MODELLO DF
DF TYPE

USCITA/OUTPUT	PLASTICA / PLASTIC		METALLICA / METAL	
	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP NO	OCV81/DFPNO	OCV81/DFPNOC5	OCV81/DFPNOM	OCV81/DFPNOMC5
PNP SC	OCV81/DFPSC	OCV81/DFPSCC5	OCV81/DFPSCM	OCV81/DFPSCMC5
NPN NO	OCV81/DFNNO	OCV81/DFNNOC5	OCV81/DFNNOM	OCV81/DFNNOMC5
NPN SC	OCV81/DFNSC	OCV81/DFNSCC5	OCV81/DFNSCM	OCV81/DFNSCMC5

MODELLO DF50
DF50 TYPE

USCITA/OUTPUT	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
PNP NO	OCV81/DF50PNO	OCV81/DF50PNOC5	OCV81/DF50PNOM	OCV81/DF50PNOMC5
PNP SC	OCV81/DF50PSC	OCV81/DF50PSCC5	OCV81/DF50PSCM	OCV81/DF50PSCMC5
NPN NO	OCV81/DF50NNO	OCV81/DF50NNOC5	OCV81/DF50NNOM	OCV81/DF50NNOMC5
NPN SC	OCV81/DF50NSC	OCV81/DF50NSCC5	OCV81/DF50NSCM	OCV81/DF50NSCMC5

RIFERIMENTI CONNETTORI PARTE VOLANTE
CONNECTOR LOOSE PART CODES

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

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;*