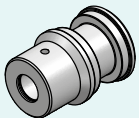
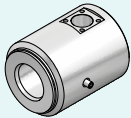
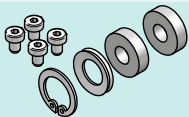
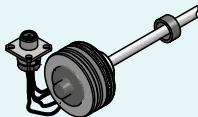
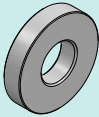
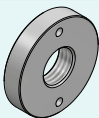
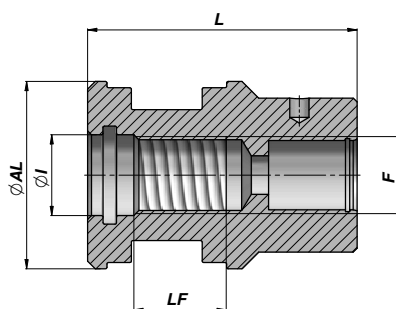


COMPONENTI PER CILINDRI CON SENSORE COMPONENTS FOR CYLINDERS WITH SENSOR

	Descrizione - Description	Type	Page
	PISTONE PER CILINDRO CON SENSORE LINEARE TIPO "MS" Tempsonics® PISTON FOR CYLINDER WITH LINEAR POSITION SENSOR TYPE "MS" Tempsonics®	CTFASM	110
	KIT GUARNIZIONI SEAL KITS	GKG	110
	FONDELLO PER CILINDRO CON SENSORE LINEARE Tempsonics® END PLUG FOR CYLINDER WITH Tempsonics® LINEAR POSITION SENSOR	CFASM	111
 NEW!	KIT MONTAGGIO SENSORE Tempsonics® (SENSORE E MAGNETE ESCLUSI) ASSEMBLING KIT FOR THE Tempsonics® SENSOR (SENSOR AND MAGNET NOT INCLUDED)	CKMS	111
	CARATTERISTICHE TECNICHE SENSORI LINEARI Tempsonics® TECHNICAL FEATURES OF THE LINEAR SENSORS Tempsonics®		112
 NEW!	ANELLO ANTERIORE PER CILINDRO CON SENSORE INDUTTIVO FRONT RING FOR CYLINDER WITH INDUCTIVE SENSOR	CASPA	113
 NEW!	ANELLO POSTERIORE PER CILINDRO CON SENSORE INDUTTIVO REAR RING FOR CYLINDER WITH INDUCTIVE SENSOR	CASPP	113
 NEW!	BORCHIA PER SENSORE INDUTTIVO THREADED PORT FOR INDUCTIVE SENSOR	CBSSP	114
 NEW!	SENSORE INDUTTIVO INDUCTIVE SENSOR	CSEN	114

CTFASM

PISTONE PER CILINDRO CON SENSORE LINEARE TIPO "MS" TEMPOSONICS®
 PISTON FOR CYLINDER WITH LINEAR POSITION SENSOR TYPE "MS" TEMPOSONICS®



Codice Code	ØAL	F	LF	L	ØI	kg	Confezione Box	Pz Pcs	Set guarnizioni Seal kits
CTFASMS040	40	M18x1.5	36	70	20	0,37	Z25CTFASMS040	25	GKGCTFASM040
CTFASMS050	50	M20x1.5	36	70	21	0,57	Z25CTFASMS050	25	GKGCTFASM050

MATERIALE : ACCIAIO 9SMn28
 MATERIAL : STEEL 9SMn28

A RICHIESTA : SET GUARNIZIONI IN VITON
 ON REQUEST: VITON SEAL KITS

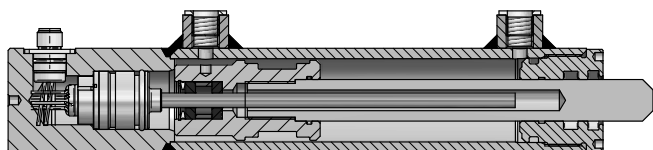
GKGCTFASM

KIT GUARNIZIONI PER PISTONE "CTFASM"
 SEAL KITS FOR "CTFASM" PISTON

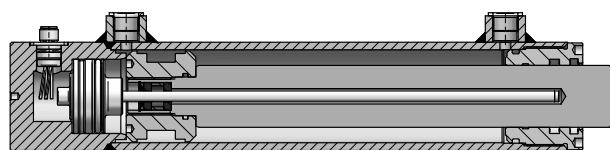
Codice Code	Alesaggio/Filetto Bore/Thread	TPM	O-Ring Dowty
GKGCTFASM040	40 / 18	157118	117
GKGCTFASM050	50 / 20	196133	812

Per gli alesaggi 60-63-70-80-90-100 vengono utilizzati i pistoni standard "CTF" e il sensore Temposonics® MH.
 L'alloggiamento del magnete è integrato nello stelo.

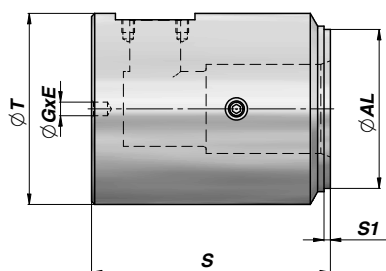
Pistons standard "CTF" are used for the bores 60-63-70-80-90-100 and the sensor type Temposonics® MH.
 The housing of the magnet is integrated in the stem.



SENSORE - SENSOR : Temposonics® MS



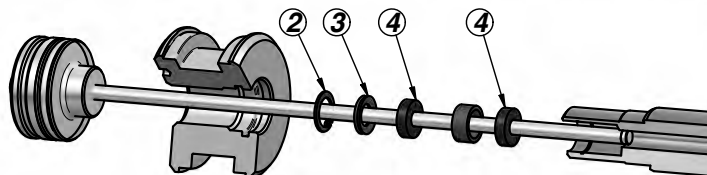
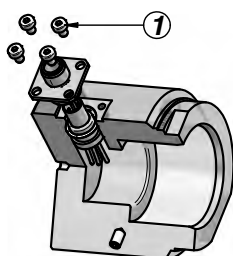
SENSORE - SENSOR : Temposonics® MH

FONDELLO PER CILINDRO CON SENSORE LINEARE TEMPOSONICS®
END PLUG FOR CYLINDER WITH TEMPOSONICS® LINEAR POSITION SENSOR
CFASM

Codice Code	ØAL	ØT	S	S1	ØG x E	Per sensore For sensor	kg	Confezione Box	Pz Pcs
CFASMS040050	40	50	80	2	Ø 4.25 x 5	MS	0,31	Z20CFASMS040050	20
CFASMS050060	50	60	75	2	Ø 4.25 x 5	MS	0,45	Z12CFASMS050060	12
CFASMS060070	60	70	75	10	Ø 4.25 x 5	MH	0,51	Z10CFASMS060070	10
CFASMS063073	63	73	75	10	Ø 4.25 x 5	MH	0,58	Z10CFASMS063073	10
CFASMS070080	70	80	75	10	Ø 4.25 x 5	MH	0,74	Z10CFASMS070080	10
CFASMS080095	80	95	75	10	Ø 4.25 x 5	MH	1,12	Z05CFASMS080095	5
CFASMS090105	90	105	75	10	Ø 4.25 x 5	MH	1,42	Z05CFASMS090105	5
CFASMS100115	100	115	75	10	Ø 4.25 x 5	MH	1,75	Z05CFASMS100115	5

MATERIALE : ACCIAIO S355JO (Fe510C) - S355JR (A105)

MATERIAL : STEEL S355JO (Fe510C) - S355JR (A105)

KIT MONTAGGIO SENSORE TEMPOSONICS® (SENSORE E MAGNETE ESCLUSI)
ASSEMBLING KIT FOR THE TEMPOSONICS® SENSOR (SENSOR AND MAGNET NOT INCLUDED)
CKMS

Codice Code	Descrizione Description	kg x 100
CKMSMH0100	KIT MONTAGGIO SENSORE TIPI "MH/MS" - ASSEMBLING KIT FOR THE SENSOR TYPES "MH/MS"	1,00

Il kit comprende :

1 = viti per fissaggio connettore

2 = seejer

3 = rondella DIN6798A

4 = isolanti in poliuretano

The assembling kit is made up of:

1 = connector fixing screws

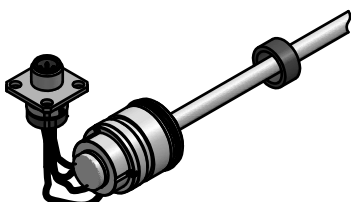
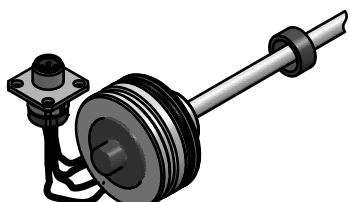
2 = seejer

3 = ring DIN6798A

4 = insulating material made of polyurethan

SENSORI DI POSIZIONE TEMPOSONICS® INTEGRATI NEL CILINDRO PER VEICOLI MOBILI TEMPOSONICS® IN-CYLINDER POSITION SENSORS FOR MOBILE MACHINES

Quando si vuole controllare istantaneamente la posizione dello stelo è possibile montare il sensore lineare di posizione.
Il principio di funzionamento del sensore lineare di posizione Temposonic® è basato sull'effetto magnetostrittivo.
For the instantly piston control a linear position sensor can be used.
The principle of operation of the Temposonic® sensor linear position is based on the magnetostrictive effect.

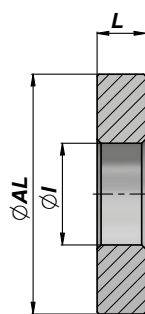
	Temposonic® MS	Temposonic® MH	Temposonic® MH Agri e MH5
	Proposto per alesaggi ø40 e ø50 Proposed for bores ø40 and ø50	Proposto a partire dall'alesaggio ø60 Proposed starting from bore ø60	Proposto a partire dall'alesaggio ø60 Proposed starting from bore ø60
			
Applicazione: <i>Application:</i>	Macchine mobili per movimento terra o per macchine di sollevamento <i>Construction and handling mobile machines</i>	Macchine mobili per movimento terra o per macchine di sollevamento <i>Construction and handling mobile machines</i>	Macchine agricole <i>Agricultural machines</i>
Campo di misura: <i>Measuring ranges:</i>	50-2500 mm (5 mm steps)	50-2500 mm (5 mm steps)	125-1450 mm (5 mm steps)
Segnale uscita analogico (a scelta): <i>Analog Output signal (choice):</i>	VDC: 0.25...4.75 0.50...4.50 mA : 4...20	VDC: 0.25...4.75 0.50...4.50 mA : 4...20	VDC: 0.25...4.75 0.50...4.50 mA : 4...20 (for MH5)
Segnale uscita digitale: <i>Digital Output signal:</i>	-	CANopen/SAE J1939	-
Linearità: <i>Linearity:</i>	50... 250 mm ± 0,1 mm 255...2000 mm ± 0,04 % full stroke 2005...2500 mm ± 0,8 mm	50... 250 mm ± 0,1 mm 255...2000 mm ± 0,04 % full stroke 2005...2500 mm ± 0,8 mm	< ± 0.04 % full stroke
Risoluzione: <i>Resolution:</i>	± 0.1 mm	± 0.1 mm	± 0.1 mm
Temperatura di esercizio: <i>Operation temperature:</i>	-40°C .. +105°C	-40°C .. +105°C	-40°C .. +105°C
Pressione PN/Pmax: <i>Pressure PN/Pmax:</i>	300/400 bar	350/450 bar	350/450 bar
Connezione: <i>Connector:</i>	M12 - IP69K	M12 - IP69K	M12 - IP69K
Alimentazione: <i>Voltage:</i>	12/24 VDC	12/24 VDC	12 VDC (MH Agri) 24 VDC (MH5)
EMC:	Veicoli stradali :2009/64/EG (E1 conforme) Macchine Agricole e Forestali: 2009/19/EG Macchine da costruzione: EN 13309	Veicoli stradali :2009/64/EG (E1 conforme) Macchine Agricole e Forestali: 2009/19/EG Macchine da costruzione: EN 13309	Macchine Agricole e Forestali: 2009/19/EG
EMC:	Road vehicles: 2009/64/EG (E1 conform) Agricultural and Forest machines: 2009/19/EG Construction machinery: EN 13309	Road vehicles: 2009/64/EG (E1 conform) Agricultural and Forest machines: 2009/19/EG Construction machinery: EN 13309	Agricultural and Forest machines: 2009/19/EG

A RICHIESTA - ON REQUEST:
SENSORI PER APPLICAZIONI INDUSTRIALI E SENSORI PER AMBIENTI "ATEX".
SENSORS FOR INDUSTRIAL APPLICATIONS AND SENSORS SUITABLE FOR "ATEX" ENVIRONMENT.

ANELLO ANTERIORE PER CILINDRO CON SENSORE INDUTTIVO
FRONT RING FOR CYLINDER WITH INDUCTIVE SENSOR

NEW!

CASPA



Codice Code	ØAL	ØI	L	kg	Confezione Box	Pz Pcs
CASPA04001712	40	17	12	0,09	Z00CASPA040017	100
CASPA05002112	50	21	12	0,14	Z00CASPA050021	100
CASPA06002512	60	25	12	0,21	Z00CASPA060025	100
CASPA06302512	63	25	12	0,24	Z50CASPA063025	50
CASPA07002512	70	25	12	0,31	Z50CASPA070025	50
CASPA08002812	80	28	12	0,40	Z50CASPA080028	50
CASPA09003512	90	35	12	0,49	Z25CASPA090035	25
CASPA10003512	100	35	12	0,63	Z25CASPA100035	25

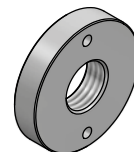
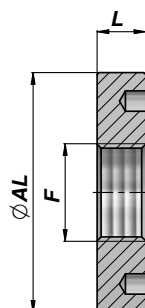
MATERIALE : ACCIAIO 9SMn28

MATERIAL : STEEL 9SMn28

ANELLO POSTERIORE PER CILINDRO CON SENSORE INDUTTIVO
REAR RING FOR CYLINDER WITH INDUCTIVE SENSOR

NEW!

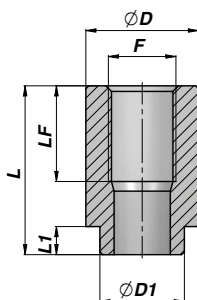
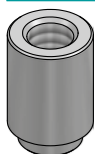
CASPP



Codice Code	ØAL	F	L	kg	Confezione Box	Pz Pcs
CASPP040M1612	40	M16x1.5	12	0,10	Z00CASPP040M16	100
CASPP050M2012	50	M20x1.5	12	0,15	Z00CASPP050M20	100
CASPP060M2412	60	M24x2	12	0,22	Z00CASPP060M24	100
CASPP063M2412	63	M24x2	12	0,25	Z50CASPP063M24	50
CASPP070M2412	70	M24x2	12	0,31	Z50CASPP070M24	50
CASPP080M2712	80	M27x2	12	0,41	Z50CASPP080M27	50
CASPP090M3312	90	M33x2	12	0,51	Z25CASPP090M33	25
CASPP100M3312	100	M33x2	12	0,65	Z25CASPP100M33	25

MATERIALE : ACCIAIO 9SMn28

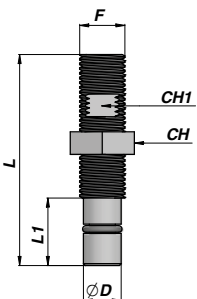
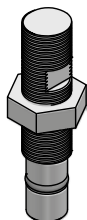
MATERIAL : STEEL 9SMn28

CBSSP**NEW!****BORCHIA PER SENSORE INDUTTIVO
THREADED PORT FOR INDUCTIVE SENSOR**

Codice Code	F	LF	L	ØD	L1	ØD1	kg	Confezione Box	Pz Pcs
CBSSP1210030	M12x1	17	30	20	5	15	0,05	Z0DCBSSP121030	120

MATERIALE : ACCIAIO S355J0 (Fe510C) - S355JR (A105)

MATERIAL : STEEL S355J0 (Fe510C) - S355JR (A105)

CSEN**BALLUFF**
sensors worldwide**NEW!****SENSORE INDUTTIVO - BES 516-300-S321-S4-D
INDUCTIVE SENSOR - BES 516-300-S321-S4-D**

Codice Code	F	LF	L	ØD (e7)	CH	CH1	kg
CSENBHS004N	M12x1	17.9	78	10	17	10	0,05

CARATTERISTICHE TECNICHE:

Corrente continua DC

Normalmente aperto/PNP (NO)

Sn = 1.50 mm

A filo (schermato)

Pressione olio 350 bar

Dati di rilevamento e dati elettrici
consultare il sito : www.balluff.com**TECHNICAL SPECIFICATIONS:**

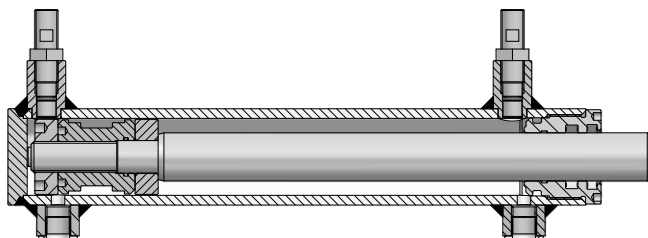
DC direct current

PNP/Normally open (NO)

Sn = 1.50 mm

Flush (shielded)

Oilpressure-rated to 350 bar

Sensing data and Electrical data
visit the website : www.balluff.com

**SENSORE INDUTTIVO AMBO I LATI
INDUCTIVE SENSOR ON BOTH SIDES**
(Utilizzare pistone standard tipo "CTF")
(Piston standard "CTF" type to be used)