

1) 感應面, 2) 數據載體, 3) 緩衝區, 4) LED (電源), 5) LED (TP), 6) 擰緊力矩



Basic features

EN 55022	Gr. 1, Cl. A
功能原理	處理器
天線形狀	圓形
認證	CE
	UKCA
	FCC Part 15
	IC (Radio)
	cULus
	WEEE
	MIC
	KC
	NBTC
	IMDA

Electrical connection

接口	M12x1 插頭, 4 針, A 編碼
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Electrical data

24 V DC 時最大耗電量	150 mA
傳輸率	COM2 (38.4 kBaud)
工作電壓 U_b	18 - 30 VDC 僅支援 LPS / 2 級
餘波, 最大	1.3 Vss

Display/Operation

功能顯示	電源 (AN)
	LED 綠色
	TP (標籤存在)
	LED 黃色

HF (13.56 MHz)
BIS M-401-045-001-07-S4
訂購代碼: BIS00LK



Environmental conditions

Area of operation	Indoor
EN 60068-2-27, 衝擊	是
EN 60068-2-32, 自由落體	是
EN 60068-2-6, 振動	是
倉儲溫度	-20...85 °C
受污程度	2
持續衝擊作用	是
最大高度位置	2000 m
環境溫度	-20...80 °C
相對空氣濕度	0 - 90 %, 不凝結
防護等級	IP67

Functional Characteristics

支援的數據載體類型	DIN ISO 14443 DIN ISO 15693
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IO-Link

IO-Link 設定檔 IDs	N/A
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Interface

介面	IO-Link 1.1
過程數據 IN	10 Byte

Material

外殼材質	PBT
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Mechanical data

安裝	無金屬 (緩衝區)
尺寸	80 x 40 x 84.5 mm
應用重量	380.00 g

Remarks

在首次裝備時，參見 IO-Link 目錄。

在安裝時，應注意相應國家的技術標準和規定。

在額定條件下，數值不得另行規定。

附件單獨訂購。

如安裝在金屬件內：注意緩衝區。

This device is intended to be supplied by a UL-listed or CSA-certified power supply unit with "Class 2" or LPS power source.

The devices must be installed permanently.

1. Determine a suitable mounting position.
2. Fasten the device with suitable mounting material.

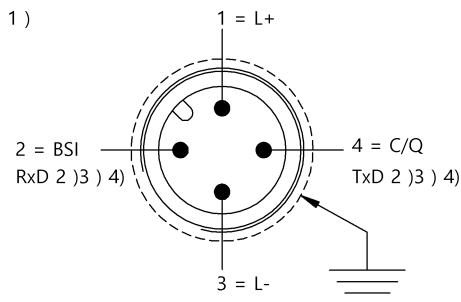
The device can be cleaned with a slightly damp cloth.

Regularly check the function of the device and all associated components through visual and functional tests.

- Shut down the device in the event of malfunctions.
- Secure the system against unauthorized use.
- Check fastening and tighten if necessary.

The product is maintenance-free.

Connector Drawings



- 1) 視圖沿插接方向
- 2) BSI service interface
- 3) Do not connect power
- 4) (Only for Balluff Service)

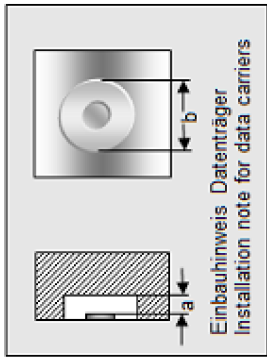
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BALLUFF

Help Views

BIS M-401-__

	BIS M-111-02/L	BIS M112-02/L	BIS M-140-02/A	BIS M-142-02/A xx
passende Datenträger Appropriate data carriers				
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>50 >30	>50 >30	>0	>0
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>200 >100	>200 >100	>100	>100
Schreibabstand in mm Write distance in mm	0-40 0-25	0-60 0-35	0-32	0-16
Leseabstand in mm Read distance in mm	0-40 0-25	0-60 0-35	0-32	0-16
Versatz in mm bei Abstand von	0 ±30 ±20	±35 ±25	±25	±24
	5 ±30 ±20	±35 ±25	±25	±24
	9 ±30 ±20	±35 ±25	±25	±20
	12 ±25 ±20	±35 ±25	±25	±14
	15 ±25 ±18	±35 ±25	±25	±4
	16 ±25 ±18	±35 ±25	±25	±4
	18 ±25 ±16	±35 ±25	±25	
	20 ±25 ±14	±35 ±25	±25	
	22 ±20 ±12	±35 ±22	±20	
	25 ±20 ±10	±35 ±22	±20	
	30 ±20	±35 ±22	±15	
	32 ±15	±35 ±22	±15	
	35 ±15	±35 ±20		
	40 ±15	±35		
	43	±25		
	45	±25		
	50	±25		
	52	±25		
	60	±25		
	65			
	70			



BIS M-401-__

	BIS M-132-03/L- HT	BIS M135-03/L- HT
passende Datenträger Appropriate data carriers		
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>50	>50
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>200	>200
Schreibabstand in mm Write distance in mm	0-50	0-75
Leseabstand in mm Read distance in mm	0-50	0-75
Versatz in mm bei Abstand von	0 ±30	±50
	5 ±30	±50
	10 ±30	±50
	15 ±30	±50
	20 ±30	±50
	25 ±28	±50
	30 ±28	±50
	35 ±28	±50
	40 ±28	±50
	45 ±10	±45
	50 ±10	±45
	55	±45
	60	±45
	65	±35
	70	±35
	75	±35
	80	
	85	
	90	
	95	
	100	

