

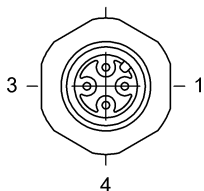
凸輪開關

BNS 819-B03-R08-46-12-S4R-I

訂購代碼: BNS04FH

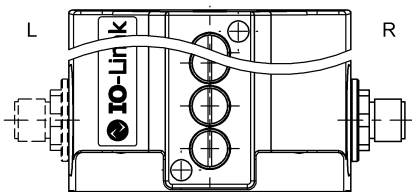
BALLUFF

Connector Drawings

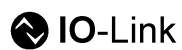


插頭側視圖

Wiring Diagrams (Schematic)



PIN 1: +24V
PIN 3: 0V
PIN 4: IO-Link



Help Views

BNS with IO-Link from 1 up to 16 positions

Frame type: 2.1

Process data length: 1 Byte

Process data image:

| | | | | | | | | | | | | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Process data: ≤ 8 positions | | | | | | | | | | | | | | | |
| Byte 0 | | | | | | | | | | | | | | | |
| 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| NO / NC 8 | NO / NC 7 | NO / NC 6 | NO / NC 5 | NO / NC 4 | NO / NC 3 | NO / NC 2 | NO / NC 1 | NO / NC 16 | NO / NC 15 | NO / NC 14 | NO / NC 13 | NO / NC 12 | NO / NC 11 | NO / NC 10 | NO / NC 9 |
| Process data: > 8 positions | | | | | | | | | | | | | | | |
| Byte 0 | | | | | | | | Byte 1 | | | | | | | |
| 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| NO / NC 8 | NO / NC 7 | NO / NC 6 | NO / NC 5 | NO / NC 4 | NO / NC 3 | NO / NC 2 | NO / NC 1 | NO / NC 16 | NO / NC 15 | NO / NC 14 | NO / NC 13 | NO / NC 12 | NO / NC 11 | NO / NC 10 | NO / NC 9 |

On-request data:

| | DPP | | SPDU | | Object name | Length | Range | Default value |
|---------------------|-------|-------|--------|-----------|--------------|------------------------|--|----------------------------------|
| | Index | Index | Index | Sub-Index | | | | |
| Identification Data | 0x07 | | | | Vendor ID | 2 Byte | read only | 0x0378 |
| | 0x08 | | | | Decice ID | 3 Byte | | 0x01010X X = No. of positions |
| | 0x09 | | | | | | | |
| | 0x0A | | | | | | | |
| | 0x0B | | | | | | | |
| | | 0x10 | 0 | | Vendor name | 7 Byte | | BALLUFF |
| | | 0x11 | 0 | | Vendor text | 15 Byte | | www.balluff.com |
| | | 0x12 | 0 | | Product name | 31 Byte | | BNS 819-xxx-xxx-xx-S4x-I |
| | | 0x13 | 0 | | Product ID | 7 Byte | | BNSxxxx |
| | | 0x14 | 0 | | Product text | 10 / 11 Byte | | BNS xx-fach |
| Programmable Data | | | 0x40 | 0 | NO / NC | ≤ 8 positions = 1 Byte | 0x00 - (2^positions)-1 (1 Bit = 1 position) | "0" |
| | | | | | | > 8 positions = 2 Byte | | |
| | | | 1 - 16 | | | 1 Byte | | |
| | | | | | | | | |

Errors:

| Class | | | Error Code | | Additional Code | |
|-------------|-------|----------|--------------------------|--|-------------------------|--|
| Mode | Type | Instance | | | | |
| single shot | Error | AL | Device application error | | Index not available | |
| 0x40 | 0x30 | 0x03 | 0x80 | | 0x11 | |
| | | | 0x73 | | 0x11 | |
| single shot | Error | AL | Device application error | | Sub-Index not available | |
| 0x40 | 0x30 | 0x03 | 0x80 | | 0x12 | |
| | | | 0x73 | | 0x12 | |

Input data: No input data available