

May 31, 2005

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046-1609

Evan Gould
Curtis Strauss LLC TCB
527 Great Road
Littleton, MA 01460

Re: Datasheet for BIS S-301-SA1

Gentlemen,

The attached datasheet will be included with each read write head that is shipped out of our facility. It will include the FCC ID and compliance statements.

Sincerely

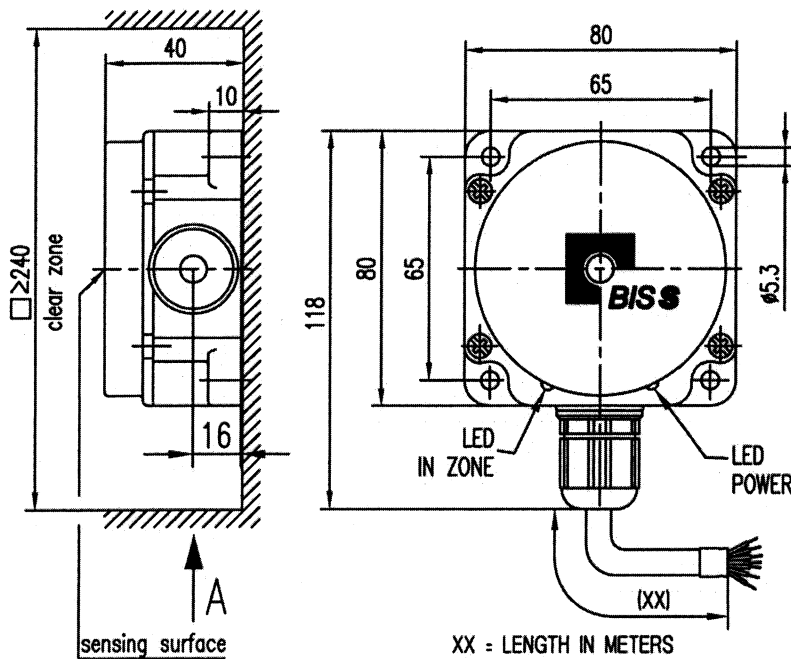


Steve Combs

Product Specialist- ID systems

Read-/Write head
80 x 80 x 40

BIS S-301-SA1-XX
not flush mounting



| Data in connection with Data Carrier (mounted in clear zone) | At v = 0 (static condition) | | |
|--|-------------------------------|---------------------------------------|-----------|
| | distance (mm) read / write | Shift between center axis by distance | |
| | | 5...30mm | 10...50mm |
| BIS S-150-32/L | 10-45/10-45 | - | ± 5,0 |
| BIS S-150-42/L | 10-45/10-45 | - | ± 5,0 |

Remarks

For use only with BIS S-60.

For installation in metal: Note clear zone.

Mechanical Data

| | |
|--------------------------|----------------|
| Housing material | Plastic |
| | PBT |
| Read head connections | PVC cable |
| Enclosure per DIN 40 050 | IP 67 |
| Weight | (g) 410 |
| Operating temperature | (°C) 0...+50 |
| Storage temperature | (°C) -20...+85 |

EMC

| | | |
|----------------------|-------|---------------|
| EN 61000-4-2/3/4/5/6 | Level | 4A/XA/4A/-/3A |
| EN 55011 | | Gr. 1, Cl. A |

Shaking/Shock

EN 60068 Part 2-6/27/29/64/32

FCC ID: HLHBISS301J

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions.

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

"Changes or modifications not expressly approved by Balluff could void the user's authority to operate the equipment."



Values are for nominal operating conditions unless otherwise indicated.



Specifications subject to change without notice.
SC 26.APR.2005

Mod.-No.01 105407

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