

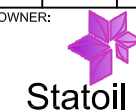


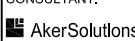


EMERSON™

Process Management





Addressable Fire & Gas Field Devices - Dimension and Connection Drawings For Field Devices - BN-500/EX - Addressable Input Unit

PERMISSION TO PROCEED DOES NOT CONSTITUTE ACCEPTANCE OF DESIGN AND CALCULATION TEST METHODS OR MATERIALS DEVELOPED OR SELECTED BY VENDOR AND DOES NOT RELIEVE VENDOR FROM FULL COMPLIANCE WITH CONTRACTUAL OR OTHER OBLIGATIONS OR DETRACT FROM ANY OF PURCHASER'S RIGHTS.	
CODE	COMMENT AND ACTION REQUIRED
1 <input type="checkbox"/>	ACCEPTED (The Supplier shall not change any information or data on documentation which has achieved status code 1 without written agreement with the Project)
2 <input type="checkbox"/>	ACCEPTED WITH COMMENTS INCORPORATED. (Supplier may proceed with work provided the comments are adhered to and incorporated, Supplier shall incorporate comments and re-submit for acceptance)
3 <input type="checkbox"/>	NOT ACCEPTED REVISE AND RESUBMIT. (Significant comments; re-issue and further review required before acceptance can be considered)
4 <input type="checkbox"/>	FOR INFORMATION ONLY. (Project will not carry out a formal review)
5 <input type="checkbox"/>	INTERFACE INFORMATION AS CLOUDED IS ACCEPTED AND FROZEN. (Definition is as code 2 above except that Interface Information is "frozen")
ENGINEER'S INITIAL AND SIGNATURE	
DATE	

04	02.12.2016	RE-ISSUED FOR PROJECT ACCEPTANCE	RPT	AGH	MGH					
03	14.10.2015	RE-ISSUED FOR PROJECT ACCEPTANCE	MMA	AGH	MGH					
02	01.07.2015	RE-ISSUED FOR PROJECT ACCEPTANCE	TSA	MMA	MGH					
01	14.04.2015	ISSUED FOR PROJECT ACCEPTANCE	MMA	AGH	MGH					
REV.	DATE	REASON FOR ISSUE	MADE BY	CHK'D. BY	DISC. APPR.	PROJ. APPR.				
OWNER: 		SUPPLIER: 		PROJECT						
LEAD EPCH: 		CONSULTANT: 		GINA KROG TOPSIDE EPCH						
SUPPLIER DWG NR: C132-KA-EJ171-XD-7009-01				DRAWING TITLE						
				Addressable Fire & Gas Field Devices - Dimension and Connection Drawings For Field Devices - BN-500/EX - Addressable Input Unit						
ENGINEER'S INITIAL AND SIGNATURE		DATE		PROJECT DRAWING NO.		REV.				
NTS	A3	3171145	A000	87	C132-KA-EJ171-XD-7009-01		04			
SCALE	SIZE	PROJ. NO.	AREA	SYSTEM	PROJECT CODE	ORG. CODE	PO/ PACK. CODE	DOC. SEQUENCE NO.	SHEET NO.	REV.

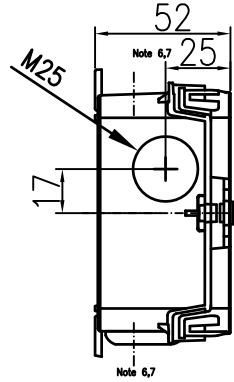
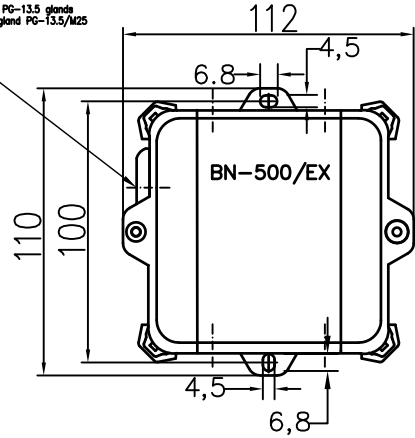
SHT	DESCRIPTION	REV.
1	COVER SHEET	03
2	INDEX SHEET	03
3	ADDRESSABLE FIRE & GAS FIELD DEVICES - DIMENSION AND CONNECTION DRAWINGS FOR FIELD DEVICES - BN-500/EX - ADDRESSABLE INPUT UNIT	03

LIBRARY REVISION: 1.0

CONSULTANT: 	LEAD EPCH: 	OWNER: 	SUPPLIER: 	CLIENT PROJECT NUMBER: C132 EMERSON PROJECT NUMBER: 3171145 CONTRACT NUMBER: 414300392	PROJECT: GINA KROG TOPSIDE EPCH	CLIENT: DSME	SHT. 02
				DRAWN BY: MMA DATE: 14.10.2015 CHECKED BY: AGH DATE: 14.10.2015 ENGINEERED BY: MGH DATE: 14.10.2015 SCALE: NTS SIZE: A3 UNITS: mm 2013-14		DRAWING TITLE: Addressable Fire & Gas Field Devices - Dimension and Connection Drawings For Field Devices - BN-500/EX - Addressable Input Unit	EMERSON DRAWING NUMBER NA PROJECT DRAWING NUMBER C132-KA-EJ171-XD-7009-01

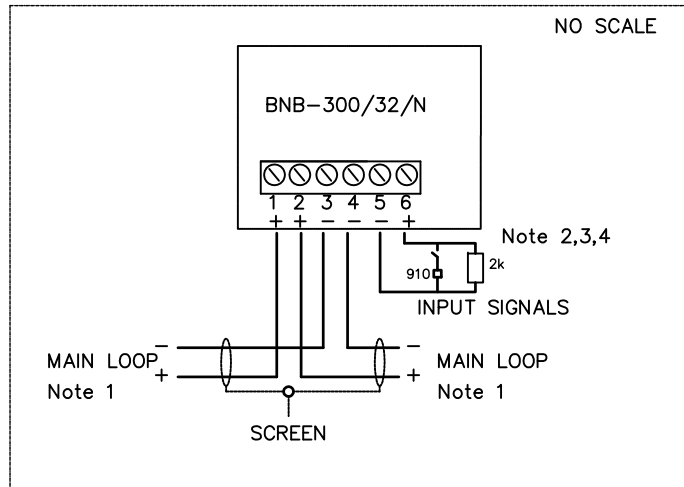
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Std.: Press-in Inlet for PG-13,5 glands
 Optional: For threaded gland PG-13,5/M25
 Note 6



NOTES:

1. CONNECTED TO BSD-310 LOOP MODULE FOR BN-300;
 CONNECTED TO BSD-310/N FOR BN-500/N IF LOOP IS ZONE 2
 CONN.VIA BZ-500 IS BARRIER FOR BN-500/Ex VERSION
2. END OF LINE RESISTOR 2kOhm TO BE INSTALLED
 WITH 910 Ω ALARM RESISTOR. OPEN CONTACT.
3. UNIT IS USED FOR:
 - ALARM PUSH BUTTONS
 - DETECTORS WITH RELAY CONTACT
 - SPRINKLER CONTACTS ETC
4. EXTERNAL UNITS CAN NOT BE POWERED
 BY AUTOSAFE DETECTOR LOOP; SEPARATE 24VDC
 TO BE PROVIDED FROM EXTERNAL SOURCE IF NEEDED.
5. DIMENSIONS IN MILLIMETERS
6. GLANDS/PLUGS ARE NOT IN SCOPE OF DELIVERY
 AND SHALL BE ORDERED SEPARATELY.
7. 4xM20 PRESS-IN INLETS FOR M20 PG-13,5 CABLE GLANDS



SPECIFICATIONS:

Versions:

- BN-300 --- Input unit with SelfVerify
 Standard version for use in Safe Areas
- BN-500/N --- Input unit with SelfVerify
 Exic version for use in Zone 2
- BN-500/Ex --- Input unit with SelfVerify
 Exia version for use in all zones

Degree of protection: IP54 (IP67 with PG-inlets)
 Colour: Light grey
 Weight: 175 g

LIBRARY REVISION: LIB_REV.

CONSULTANT 	LEAD EPCH: 	OWNER: 		CLIENT PROJECT NUMBER: C132 EMERSON PROJECT NUMBER: 3171145 CONTRACT NUMBER: 414300392	PROJECT TITLE: Gina Krog Topside EPCH	CLIENT: DSME	SHT. 03 OF 03
				DRAWN BY: MMA DATE: 14.10.2015 CHECKED BY: AGH DATE: 14.10.2015 ENGINEERED BY: MGH DATE: 14.10.2015 SCALE: SCALE SIZE: A3 UNITS: INCH(MM) 2013-14	DRAWING TITLE: Addressable Fire & Gas Field Devices - Dimension and Connection Drawings For Field Devices - BN-500/EX - Addressable Input Unit	EMERSON DRAWING NUMBER NA PROJECT DRAWING NUMBER C132-KA-EJ171-XD-7009-01	REV. 04