

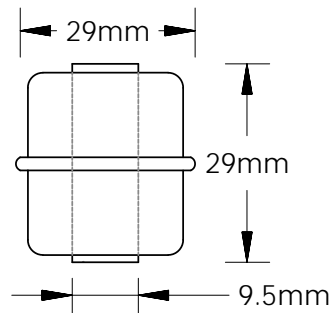
## PROCESS CAPABILITIES

- 1/8" BSP with 17mm lock nut
- 316SS construction
- specific gravity  $\geq 0.8$
- temp rating: 120 °C max.
- pressure rating: 9.8 bar max.
- special threads & leads available
- special lengths made to order

## ELECTRICAL CAPABILITIES

- NO or NC function by reversing float
- switching capacity: 50 Watts
- switching voltage: 240VAC / 200VDC

## FLOAT DIMENSIONS:



## CONTROL COMPONENTS PTY LTD

**CONDITIONS:**  
 THIS DRAWING IS OUR EXCLUSIVE PROPERTY & MUST NOT BE COPIED OR HANDED TO ANY OTHER PARTIES WITHOUT WRITTEN PERMISSION. IT SHALL BE RETURNED UPON REQUEST.

UNIT 19, 15-23 KUMULLA ROAD  
 MIRANDA NSW 2228

PHONE: 02 9542 8977  
 FAX: 02 9542 7978  
 EMAIL: HELP@CONTROLCOMPONENTS.COM.AU



TITLE: Single float level switch with short stem - stock product.

REGISTRY

SCANNED

SIZE: A4

DATE: 31-08-12

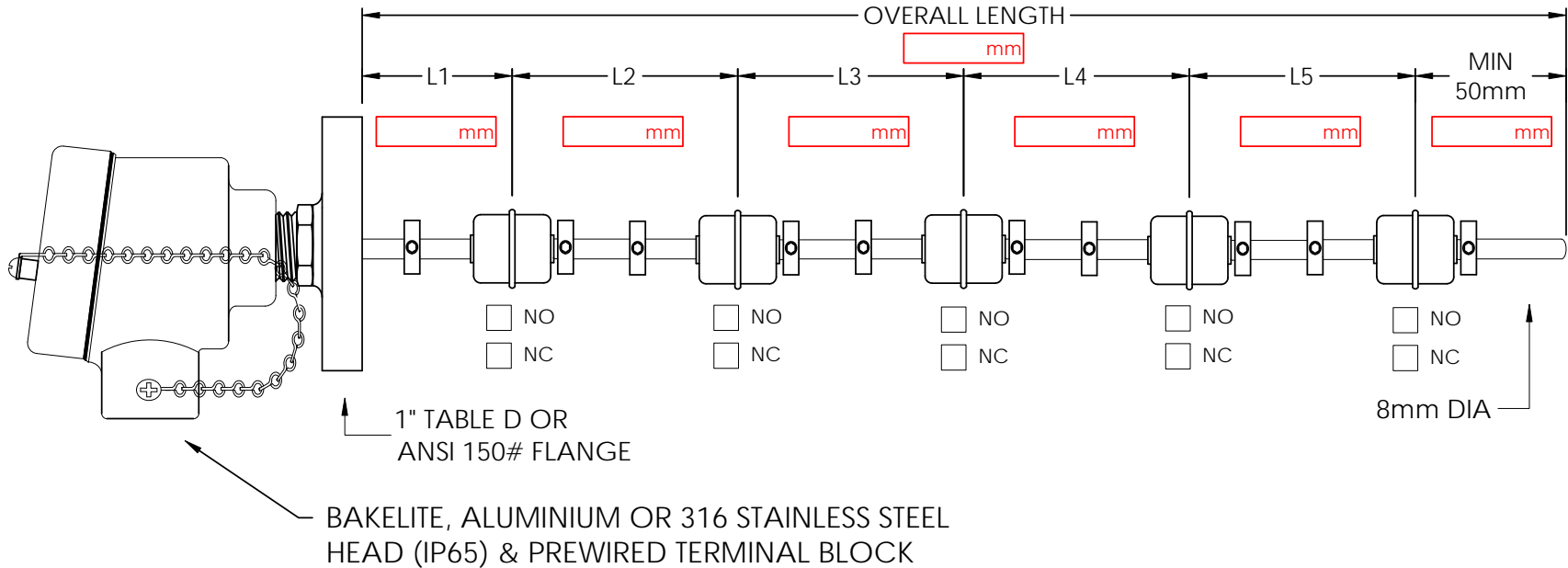
REV. 6.0

SCALE: NTS

DRAWN BY: BGM

CCS-1-FL-1/8Tx - stock

**NOTE: MINIMUM DISTANCE BETWEEN FLOATS IS 50mm**



- STANDARD** - NO or NC CONTACT RATED @ 32V AC/DC @ 500mA RESISTIVE LOAD
- STANDARD** - INDIVIDUALLY WIRED CONTACTS (UP TO 3 FLOATS) or COMMON WIRED 4-5
- OPTION** - NO or NC CONTACT RATED @ 250V AC/DC @ 500mA RESISTIVE LOAD
- OPTION** - INDIVIDUALLY WIRED CONTACTS FOR 4-5 FLOATS
- OPTION** - 240V RATED - ALUMINIUM or STAINLESS STEEL HEAD (IP65) WITH 240V WIRING
- OPTION** - TEMPERATURE SWITCH
- OPTION** - CHANGE-OVER CONTACT RATED @ 250mA RESISTIVE LOAD

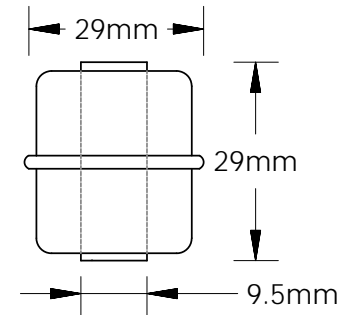
### SPECIFICATIONS:

- 316L STAINLESS STEEL CONSTRUCTION
- Ø 29mm STAINLESS STEEL FLOATS
- SPECIFIC GRAVITY 0.8 (min.)
- TEMPERATURE RATING: 120°C (max.)
- PRESSURE RATING: 9.8 bar (max.)

### OPTIONAL CAPABILITIES:

- UP TO 5 FLOATS PER ASSEMBLY (max. 1200mm)
- NO or NC CONTACTS RATED @ 250V AC/DC @ 500mA RESISTIVE LOAD
- WIRING VARIATIONS
- CHANGE-OVER CONTACTS RATED @ 250mA RESISTIVE LOAD
- SPECIAL THREADS, FLANGES & LENGTHS AVAILABLE

### FLOAT DIMENSIONS:



Serial No:	Qty:
Work Order:	
Ref:	
Customer:	
Cust. PO:	
CCPL Invoice No:	State:

### CONTROL COMPONENTS PTY LTD

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PHONE: 02 9542 8977  
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TITLE: 1→5 station level switch with small floats

SIZE: A4

DATE: 31-08-12

REV. 6.0

REGISTRY

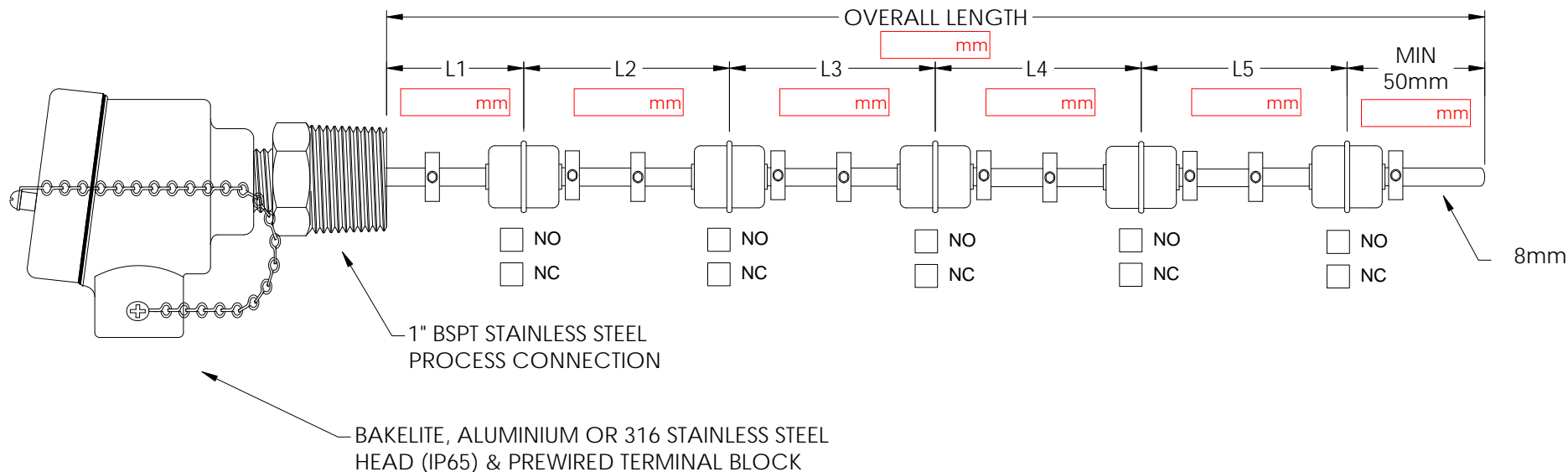
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SCALE: NTS

DRAWN BY: BGM

CCS-X-JB-xxx-XD/XA

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- OPTION** - 240V RATED - ALUMINIUM or STAINLESS STEEL HEAD (IP65) WITH 240V WIRING
- OPTION** - TEMPERATURE SWITCH
- OPTION** - CHANGE-OVER CONTACT RATED @ 250mA RESISTIVE LOAD

**SPECIFICATIONS:**

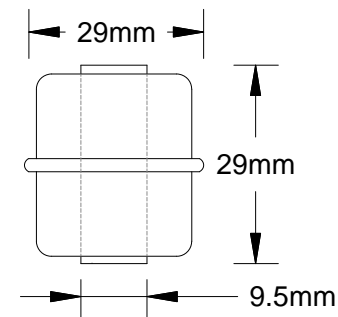
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Serial No:	Qty:
Work Order:	
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Customer:	
Cust. PO:	
CCPL Invoice No:	State:

**FLOAT DIMENSIONS:**



**CONTROL COMPONENTS PTY LTD**

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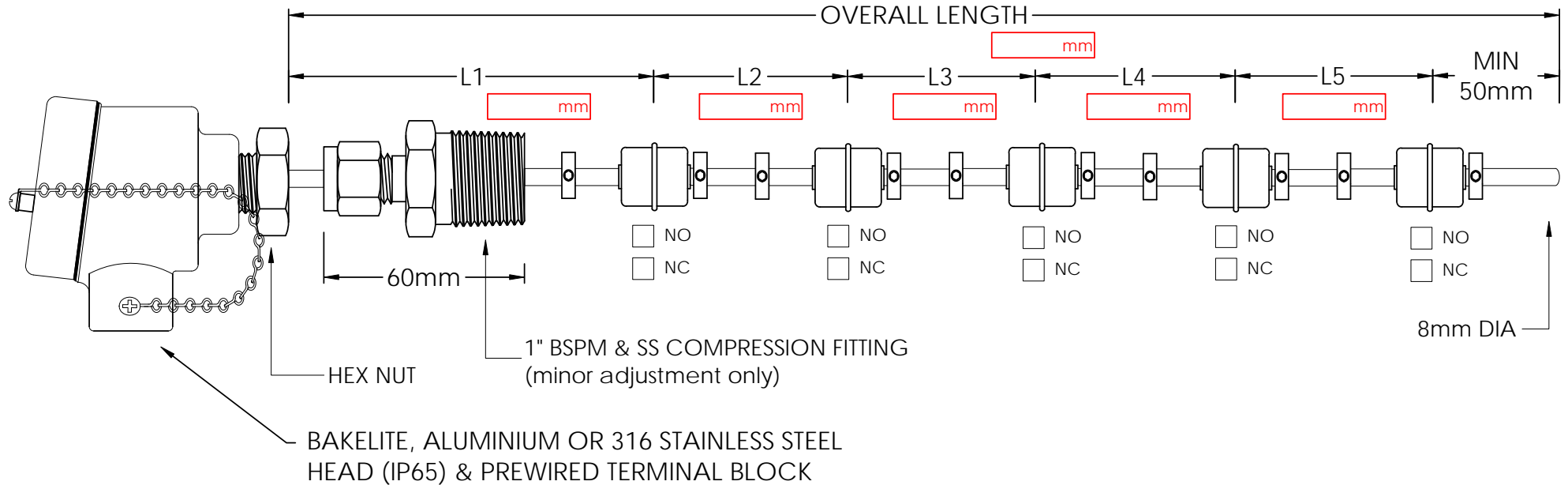
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 PHONE: 02 9542 8977  
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TITLE: 1→5 station level switch with small floats

REGISTRY	SCANNED	SIZE: A4	DATE: 31-08-12	REV. 6.0
		SCALE: NTS	DRAWN BY: BGM	CCS-X-JB-xxx-1T

**NOTE: MINIMUM DISTANCE BETWEEN FLOATS IS 50mm**



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Serial No: \_\_\_\_\_ Qty: \_\_\_\_\_

Work Order: \_\_\_\_\_

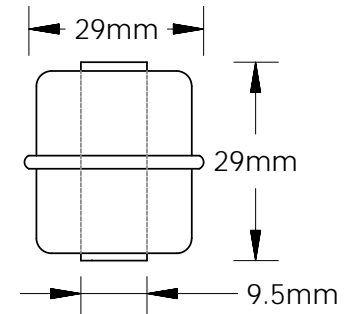
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CCPL Invoice No: \_\_\_\_\_ State: \_\_\_\_\_

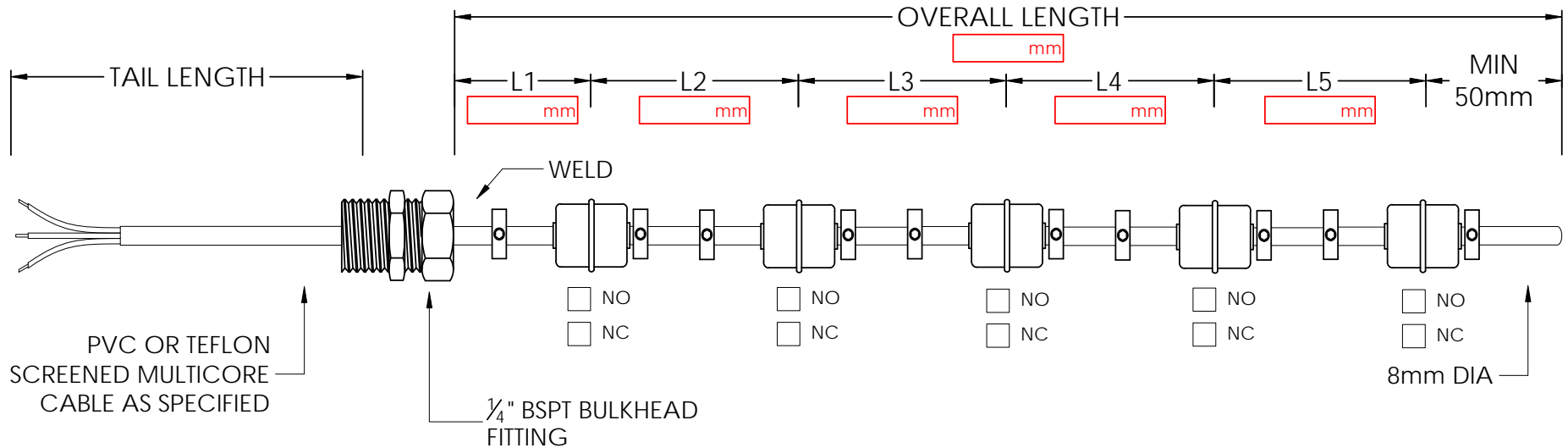
**FLOAT DIMENSIONS:**



<b>CONTROL COMPONENTS PTY LTD</b>			
<p><b>CONDITIONS:</b> THIS DRAWING IS OUR EXCLUSIVE PROPERTY &amp; MUST NOT BE COPIED OR HANDED TO ANY OTHER PARTIES WITHOUT WRITTEN PERMISSION. IT SHALL BE RETURNED UPON REQUEST.</p>		UNIT 19, 15-23 KUMULLA ROAD MIRANDA NSW 2228  PHONE: 02 9542 8977 FAX: 02 9542 7978 EMAIL: HELP@CONTROLCOMPONENTS.COM.AU	
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REGISTRY	SCANNED	SIZE: A4	DATE: 31-08-12
		SCALE: NTS	REV. 6.0
		DRAWN BY: BGM	CCS-X-JB-xxx-1CF



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- OPTION** - 240V RATED - ALUMINIUM or STAINLESS STEEL HEAD (IP54) WITH 240V WIRING
- OPTION** - TEMPERATURE SWITCH
- OPTION** - CHANGE-OVER CONTACT RATED @ 250mA RESISTIVE LOAD

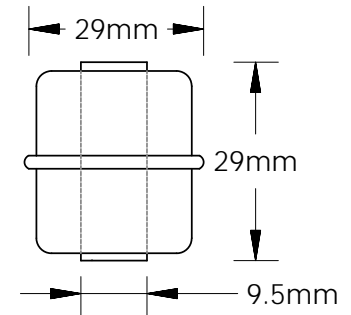
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TITLE: 1→5 station level switch with small floats

REGISTRY	SCANNED	SIZE: A4	DATE: 31-08-12	REV.6.0
		SCALE: NTS	DRAWN BY: BGM	CCS-X-FL-1/4BH

**Junction box alternatives  
 for  
 flow and level switch units**



Small size housings for max 32V, IP65 rating, ¼ and ½" connections internal terminal strip    Dims: 60mm dia x 80 mm high		
Aluminium Small 32V IP65	<b>JB-ALS-32V-65-1</b> (1/4") <b>JB-ALS-32V-65-2</b> (1/2") Painted aluminium case M16 NPB cable gland supplied	
Stainless Small 32V IP65	<b>JB-SSS-32V-65-2</b> Full 316SS case M16 SS cable gland supplied	
Medium size housings for max 32V, IP65 rating, 1/2" connection internal terminal strip on SS bracket    Dims: 70mm dia x 75 mm high		
Aluminium Medium 32V IP65	<b>JB-ALM-32V-65-2</b> Painted aluminium case M20 cable entry (no gland)	
Stainless Medium 32V IP65	<b>JB-SSM-32V-65-2</b> Full 316SS case M20 SS cable gland supplied	
Large size housings for max 250V, IP65 rating, 1/2" connection Painted earth terminals both inside and outside housing. Cover locking screw    internal terminal strip on SS bracket Dims: 82mm dia x 94 mm high		
Aluminium Large 240V IP65	<b>JB-ALL-240V-65-2</b> Painted aluminium case M20 cable entry (no gland)	
Stainless Large 240V IP65	<b>JB-SSL-240V-65-2</b> Full 316SS case M20 SS cable gland supplied	



FS-200 with JB-ALL-240V-65-2



FS-550 with JB-SSL-240V-65-2



Typical Gems flow switch fitted with large 240V junction box



Typical Gems level sensors with junction box fitted