

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Italia

COMPLIANCE

with IEC EN 61508:2010

Certificate No.: TUV IT 25 SIL 0635

CERTIFICATE OWNER: G.M. International S.p.A.
Via G. Mameli, 53-55
I-20852 Villasanta (MB) – ITALY

WE HEREWITH CONFIRM THAT
THE MODULES IN THE TABLE ENCLOSED TO THE PRESENT DOCUMENT
MEET THE REQUIREMENTS OF IEC EN 61508:2010
(LOW DEMAND MODE OF OPERATION)

Examination result: The above described Modules were found to meet the standard defined requirements of the safety levels detailed in the following table (T-IS-722134640-01) according to IEC EN 61508:2010, under fulfillment of the conditions listed in the related Reports, mentioned in the same table, in their currently valid version, on which this Certificate is based

Examination parameters: Functional characteristics, reliability and availability parameters and functional safety management

Official Summary Table No.: T-IS-722134640-01

IT IS TO BE INTENDED THAT THE ABOVE OFFICIAL SUMMARY TABLE IS AN INTEGRAL PART OF THIS DOCUMENT
THE PRESENT DOCUMENT SUBSTITUTES AND REPEALS THE DOCUMENT C-IS-722134640-01 REV.2

Expiry Date September, 18th 2028

Reference Standard IEC EN 61508:2010 Part 1, 2, 4, 6, 7

Milan, September, 19th 2025

TÜV ITALIA Srl



TÜV ITALIA Srl
Industrie Service Division
Managing Director

Alberto Carelli



**SUMMARY TABLE
T-IS-722134640-01**

| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|---------------|-------------------------|---------------|--------------------|--------------------|----------------------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 1. | D6011S_D6011D | R-IS-722134640-01 Rev.1 | Type A | 6.01E-5 | 1 year | D6011S with Passive Input | SIL3* | SIL3 |
| | | | | 6.01E-4 | 10 years | | SIL3** | |
| | | | | 9.62E-4 | 16 years | | SIL2* | |
| | | | | 1.20E-3 | 20 years | D6011D with Passive Inputs | SIL2** | |
| | | | | 6.03E-5 | 1 year | | SIL3* | |
| | | | | 6.03E-4 | 10 years | | SIL3** | |
| | | | | 9.65E-4 | 16 years | | SIL2* | |
| | | | | 1.21E-3 | 20 years | SIL2** | | |

| Configuration | Safe Detected Failure λ _{SD} | Safe Undetected Failure λ _{SU} | Dangerous Detected Failure λ _{DD} | Dangerous Undetected Failure λ _{DU} | Safe Failure Fraction SFF | No Effect Failure λ _{NE} | Not Part Failure λ _{NP} |
|----------------------------|---------------------------------------|---|--|--|---------------------------|-----------------------------------|----------------------------------|
| D6011S with Passive Input | 0.00 FIT | 0.00 FIT | 131.47 FIT | 13.46 FIT | 90.71 % | 194.87 FIT | 4.20 FIT |
| D6011D with Passive Inputs | 0.00 FIT | 0.00 FIT | 155.47 FIT | 13.46 FIT | 92.03 % | 227.87 FIT | 193.00 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0399_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

Date: September, 19th 2025





| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|---------------|-------------------------|---------------|--------------------|--------------------|---------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 2. | D6014S_D6014D | R-IS-722134640-01 Rev.1 | Type A | 6.69E-5 | 1 year | Active Input | SIL3* | SIL3 |
| | | | | 6.69E-4 | 10 years | | SIL3** | |
| | | | | 9.37E-4 | 14 years | | SIL2* | |
| | | | | 1.34E-3 | 20 years | | SIL2** | |
| | | | | 6.36E-5 | 1 year | Passive Input | SIL3* | |
| | | | | 6.36E-4 | 10 years | | SIL3** | |
| | | | | 9.54E-4 | 15 years | | SIL2* | |
| | | | | 1.27E-3 | 20 years | | SIL2** | |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|---------------|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| Active Input | 0.00 FIT | 0.00 FIT | 146.72 FIT | 14.97 FIT | 90.74 % | 205.11 FIT | 4.80 FIT |
| Passive Input | 0.00 FIT | 0.00 FIT | 135.30 FIT | 14.25 FIT | 90.47 % | 201.25 FIT | 20.80 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.
 (**)Considering the products do contribute more than 10% of total SIF dangerous failure.
 Please, for more Functional Safety information see Safety Manual ISM0400_r0.

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|-----------|-------------------------|---------------|--------------------|--------------------|---|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 3. | D6014D | R-IS-722134640-01 Rev.1 | Type A | 6.69E-5 | 1 year | Duplicator with Input loop on two active inputs | SIL3* | SIL3 |
| | | | | 6.69E-4 | 10 years | | SIL3** | |
| | | | | 9.37E-4 | 14 years | | SIL2* | |
| | | | | 1.34E-3 | 20 years | | SIL2** | |
| | | | | 6.36E-5 | 1 year | Duplicator with Input loop on a passive input and an active input (Channel A with passive input) | SIL3* | |
| | | | | 6.36E-4 | 10 years | | SIL3** | |
| | | | | 9.54E-4 | 15 years | | SIL2* | |
| | | | | 1.27E-3 | 20 years | | SIL2** | |
| | | | | 9.72E-5 | 1 year | Duplicator with Input loop on a passive input and an active input (Channel B with active input) | SIL3* | |
| | | | | 4.86E-4 | 5 years | | SIL3** | |
| | | | | 9.72E-4 | 10 years | | SIL2* | |
| | | | | 9.72E-3 | 20 years | | SIL2** | |

| Configuration | Safe Detected Failure λ _{SD} | Safe Undetected Failure λ _{SU} | Dangerous Detected Failure λ _{DD} | Dangerous Undetected Failure λ _{DU} | Safe Failure Fraction SFF | No Effect Failure λ _{NE} | Not Part Failure λ _{NP} |
|--|---------------------------------------|---|--|--|---------------------------|-----------------------------------|----------------------------------|
| Duplicator with Input loop on two active inputs | 0.00 FIT | 0.00 FIT | 146.96 FIT | 14.97 FIT | 90.76 % | 205.11 FIT | 376.16 FIT |
| Duplicator with Input loop on a passive input and an active input (Channel A with passive input) | 0.00 FIT | 0.00 FIT | 135.54 FIT | 14.25 FIT | 90.49 % | 201.25 FIT | 392.16 FIT |
| Duplicator with Input loop on a passive input and an active input (Channel B with active input) | 0.00 FIT | 0.00 FIT | 257.76 FIT | 21.69 FIT | 92.24 % | 339.15 FIT | 124.60 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0400_r0.

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|---------------|-------------------------|---------------|--------------------|--------------------|---------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 4. | D6034S_D6034D | R-IS-722134640-01 Rev.1 | Type A | 5.65E-5 | 1 year | NA | SIL3* | SIL3 |
| | | | | 5.65E-4 | 10 years | | SIL3** | |
| | | | | 9.61E-4 | 17 years | | SIL2* | |
| | | | | 1.13E-3 | 20 years | | SIL2** | |

| Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| 0.00 FIT | 0.00 FIT | 125.63 FIT | 12.64 FIT | 90.86 % | 182.53 FIT | 4.80 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0401_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|---------------|-------------------------|---------------|--------------------|--------------------|---|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 5. | D6030S_D6030D | R-IS-722134640-01 Rev.1 | Type A | 8.60E-4 | 5 years | Independent channel and maximum relay contact current is 4 A | SIL2* | SIL3 |
| | | | | 3.44E-3 | 20 years | | SIL2** | |
| | | | | 9.84E-5 | 2 years | Independent channel and maximum relay contact current is 100 mA | SIL3* | |
| | | | | 4.92E-4 | 10 years | | SIL3** | |
| | | | | 9.84E-4 | 20 years | | SIL2* | |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|---|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| Independent channel and maximum relay contact current is 4 A | 0.00 FIT | 143.62 FIT | 0.00 FIT | 39.22 FIT | 78.55 % | 202.96 FIT | 6.20 FIT |
| Independent channel and maximum relay contact current is 100 mA | 0.00 FIT | 101.62 FIT | 0.00 FIT | 11.22 FIT | 90.06 % | 202.96 FIT | 6.20 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0403_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|----|-----------|-------------------------|---------------|--------------------|--------------------|--|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 6. | D6030D | R-IS-722134640-01 Rev.1 | Type A | 8.62E-4 | 5 years | Used as Duplicator or as Fault indicator (only Out 1) and maximum relay contact current is 4 A | SIL2* | SIL3 |
| | | | | 3.45E-3 | 20 years | | SIL2** | |
| | | | | 9.92E-5 | 2 years | Used as Duplicator or as Fault indicator (only Out 1) and max. relay contact current is 100 mA | SIL3* | |
| | | | | 4.96E-4 | 10 years | | SIL3** | |
| | | | | 9.92E-4 | 20 years | | SIL2* | |
| | | | | 8.47E-4 | 5 years | Used as Fault indicator (only Out 2) and maximum relay contact current is 4 A | SIL2* | |
| | | | | 3.39E-3 | 20 years | | SIL2** | |
| | | | | 9.32E-5 | 2 years | Used as Fault indicator (only Out 2) and max. relay contact current is 100 mA | SIL3* | |
| | | | | 4.66E-4 | 10 years | | SIL3** | |
| | | | | 9.32E-4 | 20 years | | SIL2* | |

| Configuration | Safe Detected Failure λ _{SD} | Safe Undetected Failure λ _{SU} | Dangerous Detected Failure λ _{DD} | Dangerous Undetected Failure λ _{DU} | Safe Failure Fraction SFF | No Effect Failure λ _{NE} | Not Part Failure λ _{NP} |
|--|---------------------------------------|---|--|--|---------------------------|-----------------------------------|----------------------------------|
| Used as Duplicator or as Fault indicator (only Out 1) and maximum relay contact current is 4 A | 0.00 FIT | 195.95 FIT | 0.00 FIT | 39.30 FIT | 83.30 % | 398.15 FIT | 136.00 FIT |
| Used as Duplicator or as Fault indicator (only Out 1) and max. relay contact current is 100 mA | 0.00 FIT | 153.95 FIT | 0.00 FIT | 11.30 FIT | 93.16 % | 398.15 FIT | 66.00 FIT |
| Used as Fault indicator (only Out 2) and maximum relay contact current is 4 A | 0.00 FIT | 195.41 FIT | 0.00 FIT | 38.62 FIT | 83.50 % | 399.38 FIT | 136.00 FIT |
| Used as Fault indicator (only Out 2) and max. relay contact current is 100 mA | 0.00 FIT | 153.41 FIT | 0.00 FIT | 10.62 FIT | 93.53 % | 399.38 FIT | 66.00 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0403_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | | | | |
|----|---------------|-------------------------|---------------|-------------------------|--------------------|--------------------------------------|-------------|------------------------|---|--------|------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL | | | |
| 7. | D6031S_D6031D | R-IS-722134640-01 Rev.1 | Type A | 9.82E-5 | 2 years | Independent channel | SIL3* | SIL3 | | | |
| | | | | 4.91E-4 | 10 years | | SIL3** | | | | |
| | | | | 9.82E-4 | 20 years | | SIL2* | | | | |
| 8. | D6031D | | | R-IS-722134640-01 Rev.1 | Type A | 9.90E-5 | 2 years | | Used as Duplicator or as Fault indicator (only Out 1) | SIL3* | SIL3 |
| | | | | | | 4.95E-4 | 10 years | | | SIL3** | |
| | | | | | | 9.90E-4 | 20 years | | | SIL2* | |
| | | | | | | Used as Fault indicator (only Out 2) | 9.09E-5 | | 2 years | SIL3* | |
| | | | | | | | 4.55E-4 | | 10 years | SIL3** | |
| | | | | | | | 9.09E-4 | | 20 years | SIL2* | |

| Configuration | Safe Detected Failure λ _{SD} | Safe Undetected Failure λ _{SU} | Dangerous Detected Failure λ _{DD} | Dangerous Undetected Failure λ _{DU} | Safe Failure Fraction SFF | No Effect Failure λ _{NE} | Not Part Failure λ _{NP} |
|---|---------------------------------------|---|--|--|---------------------------|-----------------------------------|----------------------------------|
| Independent channel | 0.00 FIT | 117.46 FIT | 0.00 FIT | 11.20 FIT | 91.29 % | 214.34 FIT | 0.20 FIT |
| Used as Duplicator or as Fault indicator (only Out 1) | 0.00 FIT | 169.79 FIT | 0.00 FIT | 11.28 FIT | 93.77 % | 409.53 FIT | 93.20 FIT |
| Used as Fault indicator (only Out 2) | 0.00 FIT | 169.25 FIT | 0.00 FIT | 10.36 FIT | 94.23 % | 410.99 FIT | 93.20 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0404_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

Date: September, 19th 2025





| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | | | | |
|-----|---------------|-------------------------|---------------|--------------------|--------------------|---|-------------|------------------------|------|----------|--------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL | | | |
| 9. | D6032S_D6032D | R-IS-722134640-01 Rev.1 | Type A | 9.84E-5 | 2 years | Independent channel and maximum relay contact current is 100 mA | SIL3* | SIL3 | | | |
| | | | | 4.92E-4 | 10 years | | SIL3** | | | | |
| | | | | 9.84E-4 | 20 years | | SIL2* | | | | |
| 10. | D6032D | | | 9.92E-5 | 2 years | Used as Duplicator or as Fault indicator (only Out 1) and maximum relay contact current is 100 mA | SIL3* | | SIL3 | | |
| | | | | | | | 4.96E-4 | | | 10 years | SIL3** |
| | | | | | | | 9.92E-4 | | | 20 years | SIL2* |
| | | | | | | Used as Fault indicator (only Out 2) and maximum relay contact current is 100 mA | 9.32E-5 | | | 2 years | SIL3* |
| | | | | | | | 4.66E-4 | | | 10 years | SIL3** |
| | | | | | | | 9.32E-4 | | | 20 years | SIL2* |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|--|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| Independent channel and max. relay contact current is 100 mA | 0.00 FIT | 101.62 FIT | 0.00 FIT | 11.22 FIT | 90.06 % | 202.96 FIT | 6.20 FIT |
| Used as Duplicator or as Fault indicator (only Out 1) and max. relay contact current is 100 mA | 0.00 FIT | 153.95 FIT | 0.00 FIT | 11.30 FIT | 93.16 % | 398.15 FIT | 66.00 FIT |
| Used as Fault indicator (only Out 2) and max. relay contact current is 100 mA | 0.00 FIT | 153.41 FIT | 0.00 FIT | 10.62 FIT | 93.53 % | 399.38 FIT | 66.00 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0406_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|-----|---------------|-------------------------|---------------|--------------------|--------------------|---------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 11. | D6020S_D6020D | R-IS-722134640-01 Rev.1 | Type A | 9.33E-4 | 10 years | NA | SIL2* | SIL3 |
| | | | | 1.87E-3 | 20 years | | SIL2** | |

| Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| 0.00 FIT | 0.00 FIT | 136.38 FIT | 21.00 FIT | 86.65 % | 255.92 FIT | 65.70 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0402_r0.

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|-----|-----------|-------------------------|---------------|--------------------|--------------------|---------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 12. | D6036S | R-IS-722134640-01 Rev.1 | Type A | 8.99E-4 | 4 years | NA | SIL2* | SIL3 |
| | | | | 4.50E-3 | 20 years | | SIL2** | |
| 13. | D6036D | | | 8.99E-4 | 4 years | | SIL2* | |
| | | | | 4.50E-3 | 20 years | | SIL2** | |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|---------------|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| D6036S | 0.00 FIT | 124.62 FIT | 0.00 FIT | 51.22 FIT | 70.87 % | 128.26 FIT | 23.50 FIT |
| D6036D | 0.00 FIT | 130.16 FIT | 0.00 FIT | 51.22 FIT | 71.76 % | 138.62 FIT | 200.20 FIT |

(*)Considering the products do not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0408_r0.

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NOTE: The present table is integral part of the Document: TUV IT 25 SIL 0635

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| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|-----|-----------|-------------------------|---------------|--------------------|--------------------|---------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 14. | D6037S | R-IS-722134640-01 Rev.1 | Type A | 9.65E-4 | 8 years | NA | SIL2* | SIL3 |
| | | | | 2.41E-3 | 20 years | | SIL2** | |
| 15. | D6037D | | | 9.65E-4 | 8 years | | SIL2* | |
| | | | | 2.41E-3 | 20 years | | SIL2** | |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|---------------|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| D6037S | 0.00 FIT | 92.76 FIT | 0.00 FIT | 27.48 FIT | 77.15 % | 132.06 FIT | 17.50 FIT |
| D6037D | 0.00 FIT | 98.30 FIT | 0.00 FIT | 27.48 FIT | 78.15 % | 142.42 FIT | 148.40 FIT |

(*)Considering the products not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0410_r0.

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Date: September, 19th 2025





| | ITEM NAME | REPORT CODE | FINAL RESULTS | | | | | |
|-----|-----------|-------------------------|---------------|--------------------|--------------------|------------------------------------|-------------|------------------------|
| | | | System type | PFD _{avg} | T _{Proof} | Configuration | Allowed SIL | Allowed Systematic SIL |
| 16. | D6062S | R-IS-722134640-01 Rev.1 | Type A | 9.46E-4 | 3 years | 3 wires powered transducer input | SIL2* | SIL3 |
| | | | | 6.31E-3 | 20 years | | SIL2** | |
| | | | | 9.51E-4 | 3 years | 2 wires unpowered transducer input | SIL2* | |
| | | | | 6.34E-3 | 20 years | | SIL2** | |
| | | | | 1.00E-3 | 3 years | 2 wires powered transducer input | SIL2* | |
| | | | | 6.69E-3 | 20 years | | SIL2** | |

| Configuration | Safe Detected Failure λ_{SD} | Safe Undetected Failure λ_{SU} | Dangerous Detected Failure λ_{DD} | Dangerous Undetected Failure λ_{DU} | Safe Failure Fraction SFF | No Effect Failure λ_{NE} | Not Part Failure λ_{NP} |
|------------------------------------|--------------------------------------|--|---|---|---------------------------|----------------------------------|---------------------------------|
| 3 wires powered transducer input | 0.00 FIT | 0.00 FIT | 160.84 FIT | 71.56 FIT | 69.21 % | 269.70 FIT | 22.70 FIT |
| 2 wires unpowered transducer input | 0.00 FIT | 0.00 FIT | 160.84 FIT | 71.96 FIT | 69.09 % | 269.70 FIT | 22.70 FIT |
| 2 wires powered transducer input | 0.00 FIT | 0.00 FIT | 161.96 FIT | 75.95 FIT | 68.08 % | 274.79 FIT | 12.10 FIT |

(*)Considering the products not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products contribute more than 10% of total SIF dangerous failure.

Please, for more Functional Safety information see Safety Manual ISM0418_r0.

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