



## Absolute encoders A3M60 PROFIBUS

A3M60B-S4P Sales Kit 03



**Model Name** > **A3M60B-S4P Sales Kit 03**  
**Part No.** > **1052513**



*Illustration may differ*

**This kit includes the following items:**

| Model Name                          | Part No.                  |
|-------------------------------------|---------------------------|
| > <a href="#">A3M60B-S4PB013X13</a> | > <a href="#">1038826</a> |
| > <a href="#">DOS-1204-W</a>        | > <a href="#">6007303</a> |
| > <a href="#">DOS-1205-WQ</a>       | > <a href="#">6041429</a> |
| > <a href="#">STE-1205-WQ</a>       | > <a href="#">6041428</a> |

**At a glance**

- Robust absolute multiturn encoder with up to 31 bits (14 bits singleturn and 17 bits multiturn)
- Face mount flange, servo flange or blind hollow shaft
- Compact design (
- Integrated PROFIBUS interface with DP V0, V1 and V2 functionality (dependent on type)
- Connection system: 3x M12 connectors
- Protection class up to IP67
- Operating temperature: -30 °C to +80 (dependent on type)

**Your benefits**

- High level of system reliability even in extreme environmental conditions
- Lower maintenance costs due to non-contact single and multiturn magnetic scanning
- Space-saving, cost-efficient design ensures easy integration into applications with limited space
- High level of productivity due to quick communication and position calculation
- Immune to contamination and condensation, making it ideal for harsh environmental conditions
- Very good price-performance ratio



**Performance**

|                                  |                     |
|----------------------------------|---------------------|
| Error limits:                    | At room temperature |
| Repeatability (Ta not constant): | At room temperature |

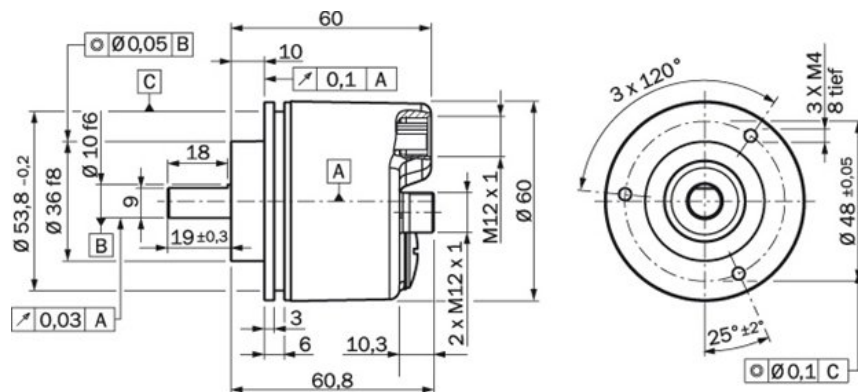
**Mechanical data**

|                                             |                    |
|---------------------------------------------|--------------------|
| Permissible movement radial static/dynamic: | ± 0.3 mm, ± 0.1 mm |
|---------------------------------------------|--------------------|

**Electrical data**

|                                        |                                     |
|----------------------------------------|-------------------------------------|
| MTTFd: mean time to dangerous failure: | 60 a (EN ISO 13849-1) <sup>1)</sup> |
|----------------------------------------|-------------------------------------|

electronic failures are considered hazardous. For more information, see document no. 8015532.



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