
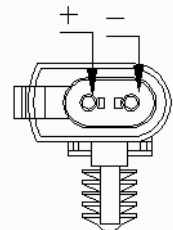
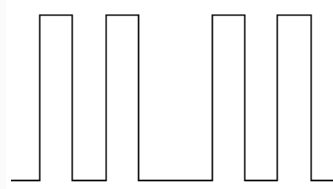
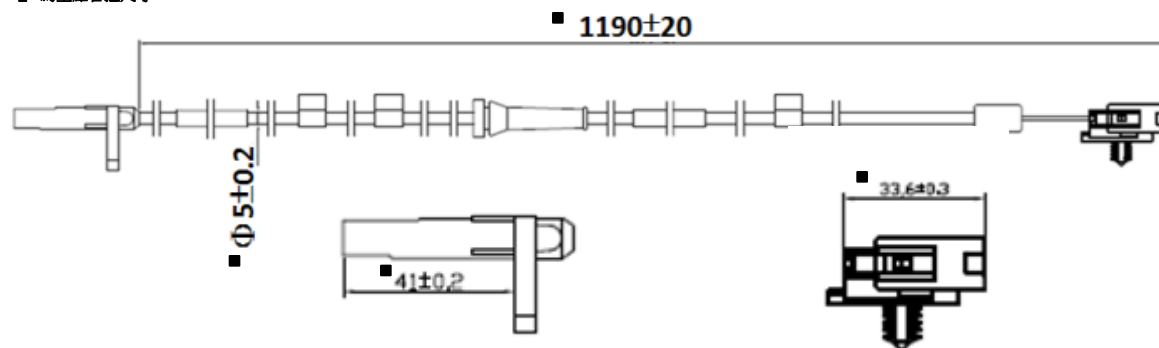


|             |   |           |                   |
|-------------|---|-----------|-------------------|
| <b>NAME</b> | <b>AB-EU023 Electrical Specifications</b> | <b>NO</b> | <b>AB-2-4-105</b> |
|-------------|---|-----------|-------------------|

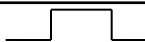
|   |  |   |
|---|--|---|
| <b>Picture</b><br> | <b>Plug</b><br> | <b>Waveform</b><br><br>Out Voltage: $V_{OL} \leq 1V \leq V_{OH}$ |
|---|--|---|

**Drawing and Dimension**

■ 為重點管控尺寸



TYPE : ■ Hall □ Magnetic

| Parameter  | SYMBOLS | MIN. | TYP.  | MAX. | UNITS    |
|--|---------|------|---|------|----------|
| Resistance@120Hz   | R       | N/A  | N/A   | N/A  | $\Omega$ |
| Inductance@120Hz   | L       | N/A  | N/A   | N/A  | mH       |
| Working Voltage  | V       | 5    | 12  | 16   | V        |
| Waveform Profile   |         | N/A  |  | N/A  |          |
| Frequency  | Fre.    | 10   | 500   | 1000 | Hz       |
| Detecting range  | Air GAP | 0.5  | 1   | 1.5  | mm       |
| Magnetic strength  | Bo      | 103  | 129   | 155  | mT       |
| Magnetic field direction<br>SFS=South facing sensor<br>NFS=North facing sensor |         | N/A  | NSF   | N/A  |          |
| Duty ratio(t1/T)   | Duty    | 40   | 50  | 60   | %        |
| Temperature  | To      | -40  | 25  | 125  | °C       |
| Reference Teeth  |         | N/A  | 58  | N/A  |          |
| Output Voltage   | Vp-p    | 0.5  | 1   | 1.8  | V        |

|                       |                         |         |            |        |          |                   |
|-----------------------|-------------------------|---------|------------|--------|----------|-------------------|
| 2015.9.10             | 2017.1.7                | 2       | 魏毛毛        | 呂漢榮    | 黃鵬       | <b>MOBILETRON</b> |
| Date of first edition | Date of revised edition | edition | Manuscript | Review | Approval | <b>Jan.7.2017</b> |
|                       |                         |         |            |        |          | <b>Release</b>    |