**commKit Host**

Embedded Host on commModule MBP for Handheld Tools

- **Investment Protection**
- **Short Time-to-Product**
- **Extended Functionality for Handhelds**
- **Simplified “Easy-API”** compared to standard host implementations

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**Investment Protection due to Combination of Key Advantages**

- Combination of high-performance portable FF-H1 Host Stack rsp. Profibus Master Stack with the widely known industry-proven commModule MBP hardware
- Deployment of compatible modules releasing the customer from component availability issues and obsolescence management

**Fast Time-to-market**

- Universal piggyback solution for protocol implementations reduces the time-to-market to a minimum
- The hardware is ATEX certified and has already passed the Physical Layer Tests for the fieldbus interface.

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**Extended Functionality**

- Access to MBP networks within the field level by using an FF and / or PA enabled host application
- Direct connection to MBP based networks and thus instantaneous access to FF or PA devices

**Easy of Use**

- The built-in easyAPI dramatically reduces effort and required protocol know how especially for FF host applications
- Support in developing or acquiring individual host applications
- Both protocols are stored in parallel on the module and can be selected by initialization command at system startup
### Technical Data

#### FF Protocol capabilities
- H1 Link Master
- SM Services
- Client/Server connections as Client (No Publisher / Subscriber connections)
- 7 parallel connections

#### PA Protocol capabilities
- MBP Master
- DPV0: GetDiag, SetSlaveAdd, (No MSCY services)
- DPV1: MSAC_C2 services
- 7 parallel connections

### Scope of Delivery

#### Software / Firmware
- FOUNDATION Fieldbus / PROFIBUS PA Host Stack (as executable firmware)
- Sample code for API usage

#### Documentation
- Application Program Interface (API) Manual
- commModule MBP Hardware Manual
- ATEX Certificate
- Physical Layer Test Report

### Order Numbers

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>LDA-KL-022325</td>
<td>commKit Host Package</td>
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<tr>
<td>FFPA-MAINTAIN-Host</td>
<td>Maintenance Contract for FOUNDATION Fieldbus H1 Host Stack</td>
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<tr>
<td>SIA-KL-020100</td>
<td>Integration Support (per hour)</td>
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### Additional Products and Services

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<tr>
<th>Code</th>
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<tr>
<td>EIA-KS-022200</td>
<td>commModule MBP potted, 90 pieces in tray</td>
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<td>EIA-KS-022220</td>
<td>commModule MBP non-potted, 90 pieces in tray</td>
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<td>EIA-KS-022400</td>
<td>commModule MBP potted, 5 samples in tray</td>
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<td>EIA-KS-022420</td>
<td>commModule MBP non-potted, 5 samples in tray</td>
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<td>EVA-MK-022210</td>
<td>commModule Evaluation Kit (commModule MBP in housing with connectors)</td>
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<td>DXA-KL-020621</td>
<td>Renesas EZLite Flasher</td>
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<td>SPA-KK-020801</td>
<td>FCG Physical Layer Test Certification Service for FOUNDATION Fieldbus H1 Field Devices</td>
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<td>SPA-LL-020802</td>
<td>PROFIBUS PA Physical Layer Test Certification Service for PROFIBUS PA Field Devices</td>
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