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| **Auf einen Blick**   * ATEX-/IECEx- certified 5G devices for fast communication, reliable data transmission and flexible processes in hazardous areas * Tab-Ex® 05 as the ideal 8-inch mobility solution with Android Enterprise Recommended and Google ARCore standards as well as Common Criteria certification to implement digitalization projects in industrial environments * Smart-Ex® 203 complements Smart-Ex® 03 with a 5G smartphone specifically for Zone 2/22 and Division 2 5G * The 5G mobile communications standard makes the Tab-Ex® 05, Smart-Ex® 03 and Smart-Ex® 203 the perfect choices for implementing digitalization projects |

# Pepperl+Fuchs is presenting a new explosion-protected 5G tablet and smartphone at the Hannover Messe

**Wireless networking via 5G enables industrial companies to achieve fast communication, reliable data transmission, and flexible processes, for example in maintenance. At the Hannover Messe 2025, Pepperl+Fuchs is presenting two new 5G devices for everyday industrial use. The explosion-protected 5G tablet Tab-Ex® 05 is certified for use in ATEX/IECEx Zone 1/21 and 2/22 as well as Division 1 and 2. With the Smart-Ex® 203, Pepperl+Fuchs is adding a 5G device certified specifically for use in Zone 2/22 and Division 2 to its smartphone family.**

Pepperl+Fuchs, a specialist in enterprise mobility solutions for industrial hazardous and non-hazardous areas, is introducing two new explosion-protected 5G devices for industrial use at the Hannover Messe. They support and advance digitalization projects in industrial companies. Both products are future-proof thanks to Android Enterprise Recommended and ARCore certification, as well as continuous and long-term security updates.  
  
**8-inch tablet for hazardous areas**  
  
The Tab-Ex® 05 continues the Tab-Ex® success story from Pepperl+Fuchs as the first 5G tablet with an 8-inch display. It is the ideal device for optimally meeting the high demands of digitalized process chains in the context of IoT and Industry 4.0 scenarios. Thanks to optimized performance, mobile workers can use the tablet to significantly increase the efficiency and productivity of their tasks, especially in challenging and harsh industrial environments. The Common Criteria certified tablet is also perfectly designed for complex applications based on augmented reality (AR).  
  
**5G smartphone specifically for use in Zone 2/22**  
  
With its focus on 4G and 5G connectivity, the explosion-proof Smart-Ex® 203 supports the use of campus networks. With its handy and attractive form factor and the familiar Smart-Ex® 03 UI (user interface), the 6.3-inch smartphone provides mobile workers with future-proof support for all AR applications or digital processes. With its special design and certification for Zone 2/22 and Division 2, the device complements the Pepperl+Fuchs portfolio with a smartphone specifically for Zone 2/22.  
  
Interested companies can try out the new devices at the Hannover Messe and discuss their requirements with Pepperl+Fuchs product managers: **Pepperl+Fuchs is presenting its extensive solution portfolio in hall 9, stand D76, as well as the Smart-Ex® 03 at the 5G-ACIA-Wall in hall 14, stand H06/33.**

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| **Caption** | Thanks to Google ARCore certification, the Tab-Ex® 05 is also ideal for demanding augmented reality applications. |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_ZEdKdmFsQlVPVGRUVEdKd1lVY3JkbFpyWWswd1p6MDk&download=1> | |

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| **Caption** | The Tab-Ex® 05 is the first 5G-based 8-inch Android tablet from Pepperl+Fuchs and is ideal for use in hazardous industrial environments in ATEX/IECEX Zones 1/21 and 2/22 and Division 1 and 2. |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_ZFhWMVprMVlaMUpIVkZoUU1UVjBVelVyVW14Q1FUMDk&download=1> | |

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| **caption** | The Smart-Ex® 203 complements the top-of-the-range Smart-Ex® 03 model with a 5G smartphone specifically for use in ATEX/IECEx Zone 2/22 and Division 2. |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VkhkdVFVZFBSRGRtVm5CUGVYQkRNRGhNV1RCalp6MDk&download=1> | |

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| **Author** | Christian Uhl |
| **Keywords** | Tab-Ex® 05, Smart-Ex 203, 5G, explosion-protected, Augmented Reality, Android Enterprise Recommended, Common Criteria, Google ARCore, Digitalization |
| **characters** | 1903 mit Leerzeichen |
| **characters summary** | 545 mit Leerzeichen |
| **Type** | Streumeldung - Pressemappe |
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Zur honorarfreien Verwendung für Redaktionen.