******Connectivity for all dimensions**

Phoenix Contact presents a new product series of robust board-to-board connectors. For the market launch, the Fine Pitch series includes shielded connectors with a pitch of 0.8 mm and unshielded versions with a pitch of 1.27 mm.

The newly developed product series offers versatile solutions for the connection of several PCBs within the device.

Horizontal and vertical female and male connectors enable users to arrange PCBs in the device in a mezzanine, coplanar or orthogonal layout. Both product ranges include 12 to 80-position versions for currents up to 1.4 A and voltages up to 500 V AC. With its EMC shielding, the Fine Pitch 0.8 product range is ideal for interference-free high-speed data transmission at rates of up to 16 Gbps. The contacts on both sides of the ScaleX contact system guarantee a long-term-stable electromechanical connection, even in the event of stress caused by shock or vibration. At the same time, the principle allows for a high level of tolerance for connectors that are positioned differently due to assembly. In addition, the insulating housing geometry reliably prevents the connectors being interconnected incorrectly. Pre-assembled IDC female connectors from the Fine Pitch 1.27 product range are available with flat ribbon cables in customised lengths on request, so they can be inserted into the device immediately.

**ENDS**

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Phoenix Contact Ltd

Halesfield 13

Telford

Shropshire

TF7 4PG

Tel: 0845 881 2222

Fax: 0845 881 2211

[www.phoenixcontact.co.uk](http://www.phoenixcontact.co.uk)

info@phoenixcontact.co.uk

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