

Krailling, November 28, 2007

The Q3 with a heart of MESSRING

The latest stage of M=BUS[®] integration into child dummies has successfully started with the Q3 – the 3 years old member of the Q-Series by FTSS.

At the beginning the main focus was given to the model Q3. Further steps will be dedicated to its younger brother Q1½.

The Q3 with M=BUS[®] InDummy DAS is available starting from today. Our first customer will benefit from the M=BUS[®] advantages in December 2007. Life-sized MESSRING will present the M=BUS[®] Q3 to the public at the 5th International Conference “Protection of Children in Cars” on December the 6th and 7th in Munich.



Figure 1: M=BUS equipped Q3 dummy

The integration of data acquisition electronics into child dummies of the Q-Series perfectly demonstrates the high potential and performances of M=BUS[®]. MESSRING's engineers combined both - data acquisition and sensor mounts - in compact interfaces which are installed in head, spinebox, ribcage and pelvis.

Five M=BUS[®] interfaces accommodate six M=BUS[®] Loggers with a maximum support of 36 channels. Five additional channels are reserved for special or redundant transducers.

Due to its compact design and no changes to the original dummy structure during the M=BUS integration, retrofitting of the struck side is as easy as before. Maintenance and test preparation has been simplified and improved by the one-wire connection. Only one single coaxial line connects all M=BUS[®] participants. The integrated M=BUS[®] backup system prevents data loss in case of cable ruptures. The M=BUS[®] Loggers record autonomously all acquired data after a cable break. Therefore critical joints e.g. around the neck area of the dummy are no longer joints to worry about.

Management of small and extended dummy families is lifted to a higher level by the advanced system scanning feature, the modular M=BUS[®] concept and the easy implementation of M=BUS[®] into your existing measurement environment. MESSRING will help your dummy laboratory with “family planning”. Just tell us your needs!

If you want to learn more about M=BUS[®] please contact us directly or visit our homepage www.mbus-sensor.de

For a deeper insight in our latest development – the M=BUS[®] Upgrade for the Q3 Dummy - we also hope to meet you at the 5th International Conference “Protection of Children in Cars” on December the 6th and 7th 2007 in the halls of TÜV Academy in Munich.