Specifications	
Bandwith:	**225C:** 200 MHz **215C:** 100 MHz
Sample rate:	**225C:** 2.5 GS/s **215C:** 1 GS/s
Bus health test:	Verifies the electrical parameters of industrial bus systems using automatic measurement and analysis functions. Next to that, an Eyepattern mode is provided for visual inspection of signal quality.
Parameter classification:	Default values: • well within limits = 'good', gives green tick mark • within specified percentage of the limit values = 'weak', gives orange tickmark • beyond limit values = 'bad', gives red tickmark Limits values, as a default, are based on industry standard for the selected bus type or may be set by the user. The tolerance band (percentage) taken into account for the classification 'weak' may be altered by the user.
Bus systems supported:	• AS-i (EN50295, 166 kb/s); • CAN-bus (ISO-11898, up to 1 Mb/s); • Modbus 232 (EIA-232 up to 115 kb/s); • Modbus 485 (EIA-485 up to 10 Mb/s); • Foundation Fieldbus H1 (61158 type 1, 31.25 kb/s); • Profibus DP (EIA-485 up to 12 Mb/s); • Profibus PA (61158 type 1, 31.25 kb/s); • Ethernet 10Base2 (coaxial, 10 Mb/s); • Ethernet 10BaseT (UTP, 10 Mb/s); • Ethernet 100BaseT (100 Mb/s); • RS-232 (EIA-232, up to 115 kb/s); • RS-485 (EIA-485, up to 10 Mb/s).
Modes:	• Waveform Parameter analysis with automatic read-out and parameter validation (good / weak / bad); test limits are based on industry standards or may be set by the user. • Eyepattern display mode.
Measured parameters (where applicable):	• bias voltage level, • signal amplitude, • pulse width or baud rate, • risetime, • fall time, • jitter, • signal distortion, • noise HF, • noise LF, • in-band noise.
Eyepattern display mode:	Gives waveform display of bus signals with user selectable persistence of the display. Timebase, attenuator and persistence settings may be altered by the user.
Persistence modes:	off – short – medium – long – infinite