TRION-ARINC429/MIL1553

DEWETRON

▶ ARINC 429 module with up to 16 channels

▶ MIL 1553 module with up to 4 channels

Module specifications

	TRION-ARINC429	TRION-MIL1553
Input channels	4 channels with 4 shared RX/TX channels 16 channels with 8 shared RX/TX channels and 8 RX channels	1 channel with dual function 4 channels with dual function
Connector	SCSI 3 cable assembly with flying leads 36"	SCSI 3 cable assembly with 1553 3-plug stub cables
Baud rate	12.5 k, 50 k and 100 k	-
Power consumption	4 CH @ 4.5 W 16 CH @ 6.0 W	1 CH @ 5.5 W 4 CH @ 8.5 W
Operating temperature	0 to +70 °C	
Additional features	-	1553A and 1553B support
Parts number[1]	CPCIC3-A429-4-T CPCIC3-A429-16-T	CPCIC3-1553-1D-T CPCIC3-1553-4D-T
OXYGEN software support	▶ Decoding of ARINC 429 / MIL 1553 signals ▶ Visualization of binary data ▶ Export of decoded signals	
	▶ Integrated internal database (equipment IDs and labels from the ARINC standard[2]) ▶ Support of different baud rates for ARINC 429 ▶ Check of parity bit ▶ Settings for equipment IDs and labels	▶ Decoding of MIL 1553 signals ▶ Visualization of binary data ▶ Export of decoded signals ▶ Custom message decoder for signal visualization in OXYGEN

Tab. 82:   Module specifications

1) For additional hardware specifications refer to the manufacturer's ARINC429 datasheet or MIL1553 datasheet.

2) ARINC specification 429P1-19 (Digital Information Transfer System Set)