

Speed Evaluation Module

Type F/U

- 19"-Plug-In Technique
- Converts Angle Signals to Standardized Signals



DESCRIPTION:

The F/U-converter module is an universally applicable plug-in unit in 4 TE format.

It requires external supply of ± 15 V DC, stabilized (e.g. from VVE-DR, VVE-DMS unit).

The speed evaluation module is necessary to change the angle signal of the torque transducers to a standardized output signal.

At factory-site, it will calibrated to 0...3000 rev./min at 360 imp./rev. Proportional to this you will receive an output voltage of 0...10 V.

TECHNICAL DATA:

Type		F/U
Art. No.		42351
Supply	Supply Voltage	+15 V Stabilized 50 mA -15 V Stabilized 30 mA
Signal Output	Output Signal Ripple	± 10 V ≤ 5 mA <20 mV
Signal Input	Frequency Input Input Resistance Frequency Input Level	0...3000 U/rpm 360 Imp./rev. >10 k Ω TTL or CMOS

Miscellaneous

Nominal Temperature Range	+10...+40 °C
Service Temperature Range	0...+60 °C
Storage Temperature Range	-10...+70 °C
Dimensions	3 HE 4 TE 160 mm deep

Options	Art. No.	Function
I0	42730	Input 0...+10 V, Current Output 0...20 mA
I4	42731	Input 0...+10 V, Current Output 4...20 mA
SMB*	42732	Other Measuring Ranges
EVK	42245	Mounting, Wiring and Calibration

*Indicate Maximum Speed and Number of Impulses/Rev. Example: SMB 6000/360