TECHNICAL DATA SHEET

SICK

ATM60-P1H13X13

ENCODER

PRODUCT PHOTO



Performance

Number of steps per revolution (max. resolution)	**8,192 (13 bit)**
Number of revolutions	**8,192 (13 bit)**
Measuring step	**0.043°**
Error limits G	**± 0.25°**
Repeatability standard deviation σr	**0.1°**

Interfaces

Communication interface	**PROFIBUS DP**
Communication Interface detail	**DPV0**
Data protocol	**Profile for encoders (07hex) – Class 2**
Address setting	**0 ... 127, DIP switches or protocol**
Data transmission rate (baud rate)	**9.6 kBaud ... 12 MBaud, automatic detection**
Initialization time	**1,250 ms**
Position forming time	**0.25 ms**
Status information	**LED green (operation), LED red (bus activity)**
Bus termination	**DIP switch**
Set (electronic adjustment)	**Via PRESET push button or protocol**

Electrical

Connection type	**Bus adapter**
Supply voltage	**10 ... 32 V**
Power consumption	**≤ 2 W (without load)**

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