

AS-i Speed Monitor

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Supplied by AS-i and external 24 V

Chip card

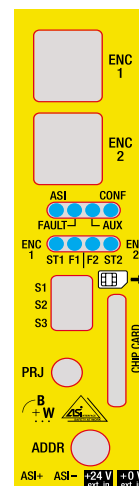


Article no. BW2427

The Speed Monitor controls the speed of maximum two axles and gives a sure signal to the AS-i Bus, when the speed is below a preset threshold.

Article no.	BW2427
Connection	4-fold COMBICON clamp and 2 AMP Mini-IO plug connections
AS-i profile	safe input slaves: S-0.B.E., ID1=F diagnostic slaves: S-7.A.5., ID1=7 (default)
AS-i voltage	18-31,6 V
Max. AS-i current consumption	150 mA
AUX voltage	18-30 V
Max. AUX current consumption	200 mA
Voltage of insulation AS-i/AUX	500 V
Inputs	2x encoder
Supply voltage	out of AS-i and 24 V external
Displays	
LED 1 green (ASI)	AS-i voltage present
LED 2 red (FLT)	offline
LED 3 green (AUX)	24 V DC AUX present
LED 4 yellow (CONF)	OFF = normal mode
LED 5 yellow (ST1)	state encoder 1 (ENC 1)
LED 6 yellow (F1)	safety, low frequency or zero-speed axle 1
LED 7 yellow (F2)	safety, low frequency or zero-speed axle 2
LED 8 yellow (ST2)	state encoder 2 (ENC 2)
Applied standards	EN IEC 62 061 SIL 2 EN 13 849-1:2006/PLd
Housing	Phoenix-ME-MAX housing
Storage temperature	0°C ... +55 °C
Operating temperature	-25°C ... +85 °C
Tolerable loading referring to humidity	according to EN 61 131-2
Protection class DIN 60 529	housing IP20
Dimensions (L / W / H in mm)	99 / 22,5 / 114

Connections, switches, chip card



- ENC 1 encoder 1
- ENC 2 encoder 2
- S1, S2, S3 function selector switch
- CHIP CARD chip card
- PRJ configuration push button
- ADDR address socket

Terminal assignment

