

Scanner-Connection Cable AK40

Connection cables for

- Analog output angular position
- Ready to use contact
- Digital input
- 4x zone temperature (only SC12 / SC32)



For scanner Galaxy SC11 / SC12 / SC31 / SC32

(Cable with straight connector (8-pin), open connection wires, ferrules, screw terminals)

Order Numbers

AK40-05 5 m scanner connection cable
 AK40-xx xx m scanner connection cable (xx in 5-m increments)

Pin Assignment

Cable color	Function	Connector pin
Grey-pink	+ Analog output measuring position (= angular position)	7
White	Ready to use contact	8
Brown	Digital input for: activate scanner, single / multiple scan or interface transmission	3
Green	+ Analog output zone A (only at SC12 / SC32)	5
Grey	+ Analog output zone B (only at SC12 / SC32)	2
Blue	+ Analog output zone C (only at SC12 / SC32)	4
Black	+ Analog output zone D (only at SC12 / SC32)	1
Yellow, pink, red, violet, red-blue	Ground GND	6
Orange	Shield	plug housing

Note: To prevent accidental short circuits, not used cable wires need to be placed, for example to the supplied screw terminals.

Technical Data

Cable: Twisted pairs, screened data transmission cable with color code acc. to DIN 47100, RoHS conform
 Designation: LiYwCYw (TP)
 Conductor: 6 x 2 x 0,14 mm² + shield
 Capacity: 120 nF / km
 Conductor resistance: 142 Ω / km
 Outer sheath: PVC black, heat resistant
 Temperature range: -20°C up to +90°C, short-term +105°C
 Outer diameter: 7.1 mm +/-0.2 mm
 Minimum bending radius: flexible use: 110 mm; fixed installation: 55 mm
 Burning rate: flame-retardant to VDE 0482 - part 265-2-1 / IEC 6033-1-2

Sensortherm reserves the right to make changes in scope of technical progress or further developments.