

# AK32

Connection cable for SC10 and POLARIS



**4 pin connection cable for scan adapter SC10 and Infrared switch POLARIS**  
(Replaces identical cable AK30)

Also at discontinued products with 4-pin connector:  
SIRIUS pyrometer, METIS pyrometer with additional output, switch module SM10.

## Reference numbers

|         |                       |
|---------|-----------------------|
| AK32-05 | 5 m connection cable  |
| AK32-10 | 10 m connection cable |
| AK32-15 | 15 m connection cable |

## Pin Assignment Scan Adapter SC10 (power supply)

| Cable color | Function                                                                     | Pin | M8 connector |
|-------------|------------------------------------------------------------------------------|-----|--------------|
| Brown       | + 24 V DC power supply, possible range 15–30 V DC (power consumption 0.7 VA) | 1   |              |
| Blue        | 0 V DC power supply (ground)                                                 | 3   |              |
| White       | Not used                                                                     | 2   |              |
| Black       | Not used                                                                     | 4   |              |

## Pin Assignment Infrared Switch POLARIS (power supply and switch outputs)

| Cable color | Function                                                                                                      | Pin | M8 connector |
|-------------|---------------------------------------------------------------------------------------------------------------|-----|--------------|
| Brown       | + 24 V DC power supply, possible range 12–30 V DC (power consumption 0.5 VA without switching output current) | 1   |              |
| Blue        | 0 V DC power supply (ground) and Reference potential for transistor switching outputs                         | 3   |              |
| White       | Output 1 Each transistor switches the positive supply voltage to the                                          | 2   |              |
| Black       | Output 2 output (plus switching), max. current 30 mA                                                          | 4   |              |