

Angle sensor (Hall)

91680



Connector

Pinbelegung connecting chart

Signal 1
1 +
2 -
4 out

AMP-Kupplung/female connector
AMP-Nr. 114-18063-21/Kodierung A

MQS-Gegensieker/connector housing
AMP-Nr. 1-967616-1

Steckerkontakt/terminals
AMP-Nr. 0-096 3727-2

Blindstopfen/blind plug
AMP-Nr. 0-096 7056-1

Einzelleiterabdichtung/core seal
AMP-Nr. 0-096 7067-1

Dimensions

AB-Typ/part-no. 91 680 000 XX

Datumskode/Datecode Tag/Monat/Jahr day/month/year TT MM JJ

Supply Current	5 V ± 0.25 V 6 mA max.	Temperature range	- 40 °C to + 120 °C
Output signal	Voltage interface, 1 signal	Sealing grade	Protection class according to DIN 40050-9 housing IP6K6 connector IP6K9K
Terminals Sensor	Gold plated	Vibration	Robust against higher requirements
Specification	DHWS670671-6a	Drawing	91680000 Index 14

Angle range (degrees)

1 output signal

U_B [%]

U_1 90 U_B

U_2 10 U_B

$-\alpha$ 0 $+\alpha$

electrical angle range α	AB part-no.:
± 15	91 680 000 40
± 30	91 680 000 50
± 45	91 680 000 10
± 60	91 680 000 11