

Wire length encoder

CMW582M*8192/4096 SSI SLG ME 5M

OrderNo.:CMW582M-00059

23.4.2021 / 010103020105011158

Technical data

NO.OF STEPS/REV	8.192,000
NO. OF REVOLUTIONS	4.096,000
PROGRAMMABLE	PROG.
INTERFACE	SSI
CODE	BINARY
SUPPLY VOLTAGE	10-30V
PROTECTION Class	IP65
TEMPERATURE RANGE	-20+75°C
SHAFT TYPE	COUPLING
CONNECTOR TYPE	CONTACT 12P
CONNECTOR-POSITION	CONNECTOR RADIAL ON HOUSING
PINOUT NO.	ST3209
MATING PLUG	NO
OPTIONS ENC	CONN.OUTLET 90° TO RLT
OPTIONS ENC	F/R HIGH-ACTIVE
OPTIONS ENC	ME-WDS-5000-P115 5,0M
OPTIONS ENC	PRESET 1
OPTIONS ENC	PROGRAMMABLE
OPTIONS ENC	ROPE LENGTH TRANSMITTER
SLG-ORDER NO	40730003
DRAWING NO.	04-CMW582M-M0045
DOCUMENTATION NO	DOKUMENTE
B10d	1500000
AL:	N
ECCN:	N
MTTFd [y] (T=45°C, DC=0) >=	200
UL-APPROVALS	USA+CANADA
SLG-RATIO	315,03...315,43 mm/Umdr.
SLG-LINEARITY	+/-0,02%
SLG-TEMPERATURE RANGE	-20°C...+80°C
SLG-PROTECTION CLASS	IP54 / IP65 BOTTOM OUTLET
SLG-SPRING FORCE	min.4N / max.16N
SLG-B10-Value	1.500.000 bei 250.000 Zyk.p.a.
SLG-ROPE DIAMETER	1,0 mm
SLG-PULLOUT ANGLE	max. +/-3°

GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängegeber / cable retractor
ZB	Zentrierbund / centre ring
Tachofl	Tachoflansch / tachometer flange
DAG	DAG-Schutzgehäuse / DAG protective housing
TK	Teilkreis / pitch circle

Subject to change.

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Pin assignment

Pin assignment number: 3209

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13.01.2021

Connector name: M23 12-pol

Pin-count: 12

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Pin	Designation	Description	Colour
1	SSI_Clock-_IN	Clock input -	-
2	SSI_Clock+_IN	Clock input +	-
3	SSI_DATA+_OUT	Data output +	-
4	SSI_DATA-_OUT	Data output -	-
5	Ser.Program+_IN/OUT	Ser. programming interface RS485	-
6	Ser.Program-_IN/OUT	Ser. programming interface RS485	-
7	not connected		-
8	Direction IN	Change of counting direction	-
9	Preset1_IN	Preset value 1	-
10	not connected		-
11	Supply Voltage IN	Supply voltage	-
12	Ground IN	Ground	-

WARNING

'De-energize the system before carrying out wiring work or opening and closing electrical connections !

Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.

Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen ! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.