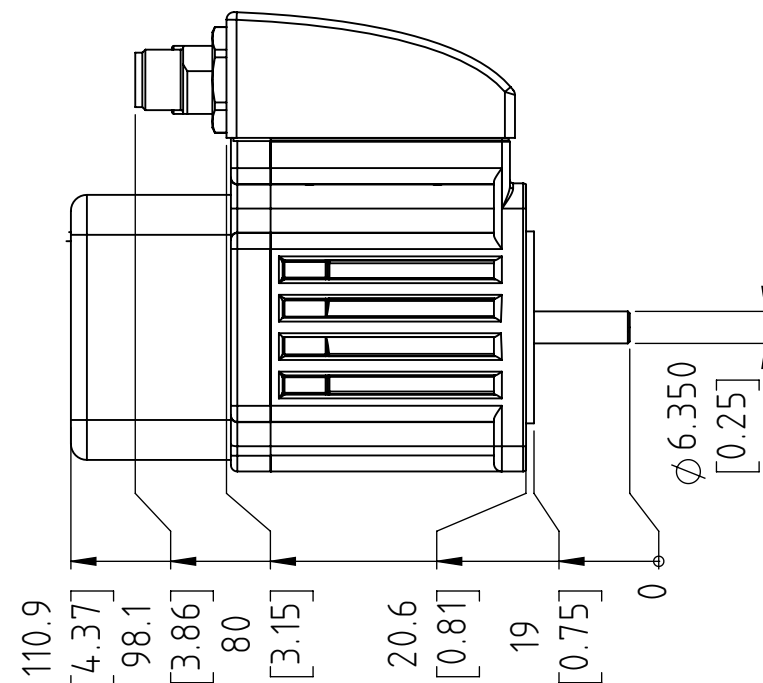
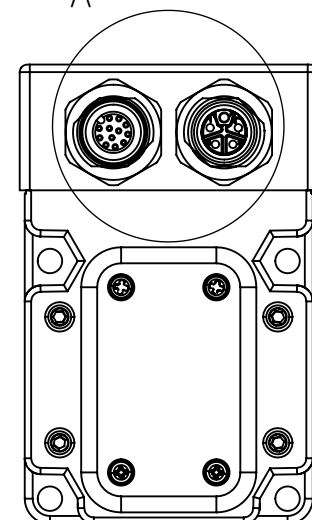
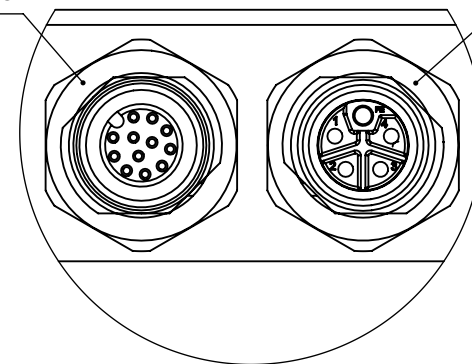
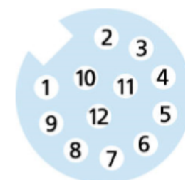


A

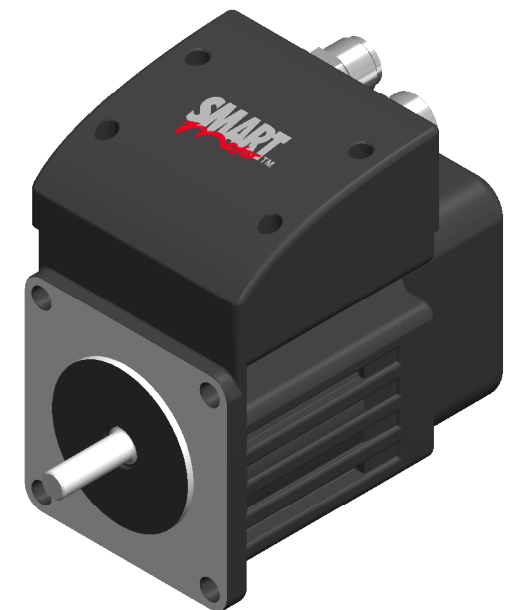


M12 12-PIN FEMALE  
COMMUNICATION AND I/O

M12 4-PIN MALE  
POWER



Detail A



COMMUNICATION AND I/O			
PIN	FUNCTION	SPECIFICATION	WIRE CLR
1	I/O - 0	25mA Sink or Source 10Bit 0-5VDC A/D	BN
2	I/O - 1	25mA Sink or Source 10Bit 0-5VDC A/D	BU
3	I/O - 2	25mA Sink or Source 10Bit 0-5VDC A/D	WH
4	I/O - 3	25mA Sink or Source 10Bit 0-5VDC A/D	GN
5	I/O - 4	or configurable as: RS485 A Channel (1)	PK
6	I/O - 5	or configurable as: RS485 A Channel (1)	YE
7	ENC A OUT	Phase A Encoder Output	BK
8	ENC B OUT	Phase B Encoder Output	GY
9	RS232 Tx	115,2 Kbaud Max	RD
10	RS232 Rx	115,2 Kbaud Max	VT
11	+5VDC OUT	50mA Max (total)	GY/PK
12	SIG GND	Signal Ground	RD/BU

POWER			
PIN	FUNCTION	SPECIFICATION	WIRE CLR
1	MAIN POWER	+20-48 VDC	BN
2	CONTROL POWER	+20-48 VDC (DE-Option)	WH
3	GND-MAIN-PWR	Ground Main Power	BU
4	GND-CNTRL-PWR	Ground Control Power	BK

Allgemeintol. nach ISO 2768-mK Standard toler. acc. ISO 2768-mK				A3	Moog Memmingen GmbH / Germany / www.moog-memmingen.com				Ersatz für / Replace for:		
					- DATUM DATE	NAME NAME	MAßSTAB SCALE	FARBE / OBERFLÄCHE COLOR / SURFACE	MOOG		
					Gez. Drawn	17.05.2016	A. Schlegel	2:3			
					Zul. bear. Last cha.	21.11.2019	K. Umeri				
ÄNDERUNG CHANGE		VERS. VERS.	DATUM DATE	NAME NAME	MATERIAL / MATERIAL:					BLATT SHEET  1/1	
Erstfassung / Initial Drawing		1	17.05.2016	A. Schlegel							
Connector Changes: 12- Pin_COM/IO 4-Pin_POWER		2	13.07.2017	A. Schlegel							
Part number changed		3	10.01.2018	A. Schlegel							
Power Connector changed		4	24.07.2019	F.Ziesenis							
Title changed & Inch dimensions added		5	19.11.2019	K. Umeri							
					BENENNUNG / TITLE: SM23165x-BRK-EO (SM23165S-BRK-EO AND SM23165ST-BRK-EO SERIES)					VERSION VERSION  05	
					ARTIKEL-NR. / ARTICLE-NR:						