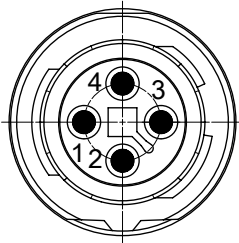
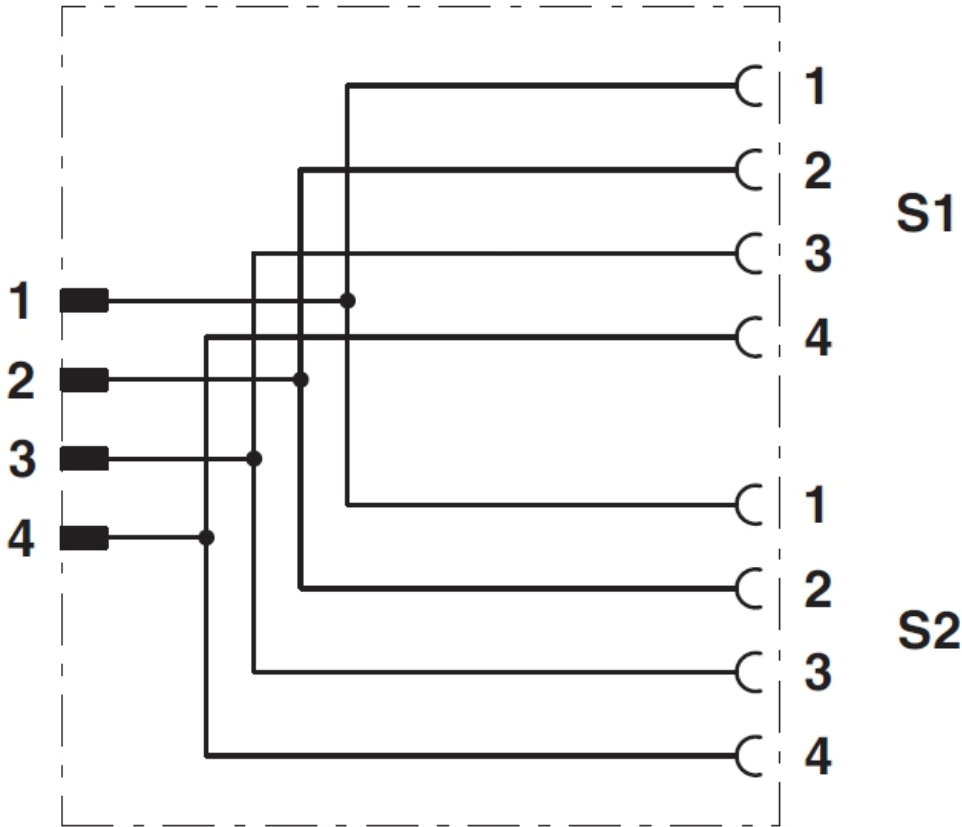
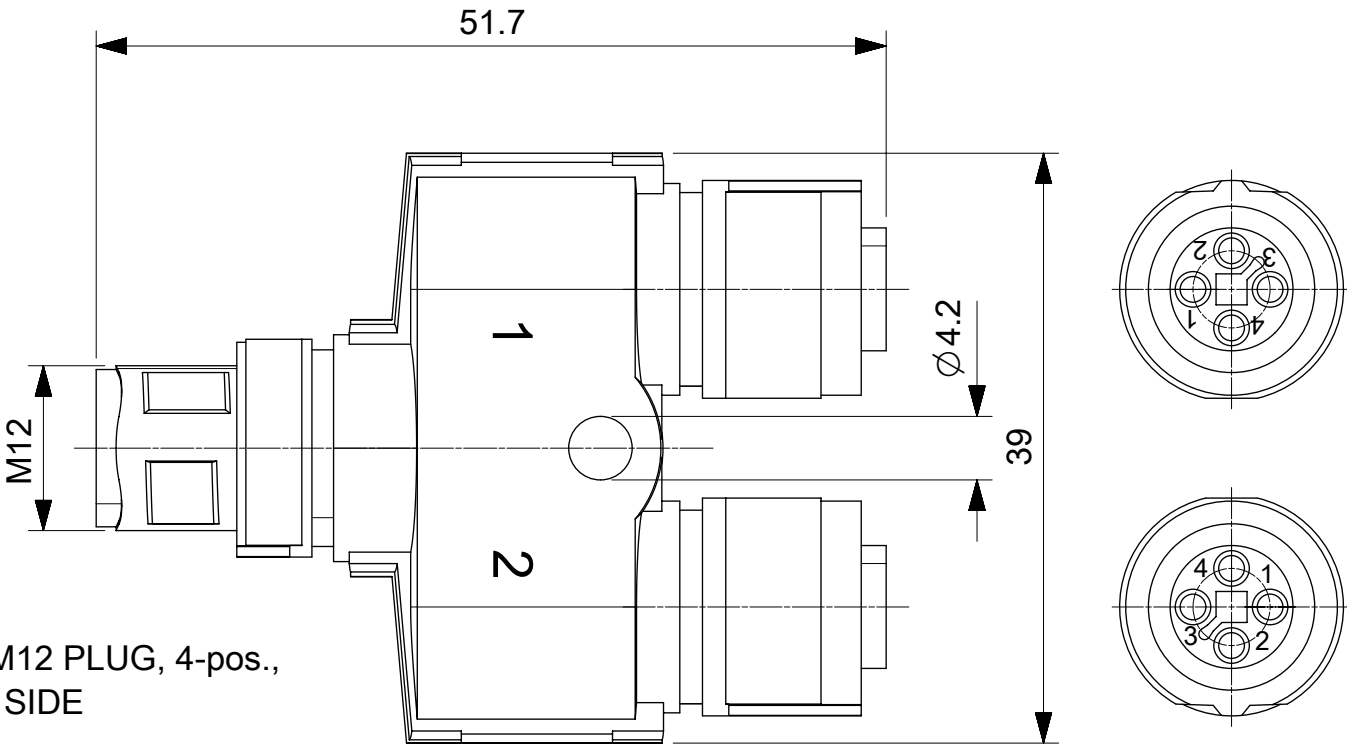


CIRCUIT DIAGRAM



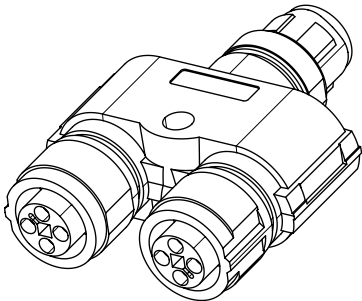
PIN ASSIGNMENT FOR M12 PLUG, 4-pos.,
T-coded, VIEW OF PLUG SIDE



CONNECTOR PIN ASSIGNMENT
OF M12 SOCKET, 4-pos.,T-coded,
VIEW OF SOCKET SIDE

MATERIAL / Werkstoffe

FLAMMABILITY RATING ACCORDING TO UL 94 / Brandklassifizierung UL94	HB
MATERIAL CONTACT / Material Kontakt	CuZn (BRASS / Messing)
CONTACT SURFACE / Kontaktoberfläche	Ni/Au
MATERIAL INSERT / Material Kontaktträger	PA
MATERIAL OF GRIP BODY / Material Griffkörper	TPU, hardly inflammable, self-extinguishing
MATERIAL, KNURLS / Material Rändel	Zinc die-cast, nickel-plated
SEALING MATERIAL / Abdichtungsmaterial	NBR



SCALE 1:1

GENERAL CHARACTERISTIC / Allgemeine Kennwerte

RATED VOLTAGE / Bemessungsspannung	60 V
RATED CURRENT AT 40 °C / Bemessungsstrom 40 °C	2x 12 A
POLLUTION DEGREE / Verschmutzungsgrad	3
OVERVOLTAGE CATEGORY / Überspannungskategorie	III
INSULATOR RESISTANCE / Isolierstoffgruppe	≥ 100 mΩ
NUMBER OF POSITIONS / Anzal der Psitionen	4
STATUS DISPLAY / Statusanzeige	NO
STANDARDS; REGULATIONS / Standards; vorschriften	IEC 61076-2-111
INSERTION ; WITHDRAWAL CYCLES / Meschanische Lebensdauer	≥100

AMBIENT CONDITIONS / Umgebungsbedingungen

AMBIENT TEMPERATURE (OPERATION) / Umgebungstempratur (Betrieb)	-25 °C ... 80 °C
DEGREE OF PROTECTION / Schutzgrad	IP65
	IP67

NOTES / Bemerkungen:
PACKED IN A BAG
Einzelverpackt im Zipper Beutel

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
QUALITY SYMBOLS		EC NO: 114739 DRWN: SMORADICHARG CHK'D: BBRAUCH APPR: BBRAUCH	2017/03/20 2017/03/22	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® SPL M12 YS 4P TC MAFE PA UNSH								
						MM		2:1										
						DRWN BY		DATE										
						SMORADICHARG		2016/11/04										
										CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING				
										APPR BY		DATE						
										RSILLER		2016/11/23						
										DRAWING SIZE		THIRD ANGLE PROJECTION						
				A3				SERIES		MATERIAL NUMBER		CUSTOMER						
								120504		1205040001		GENERAL MARKET						
										DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
										1205040001		PSD		000		1 OF 1		