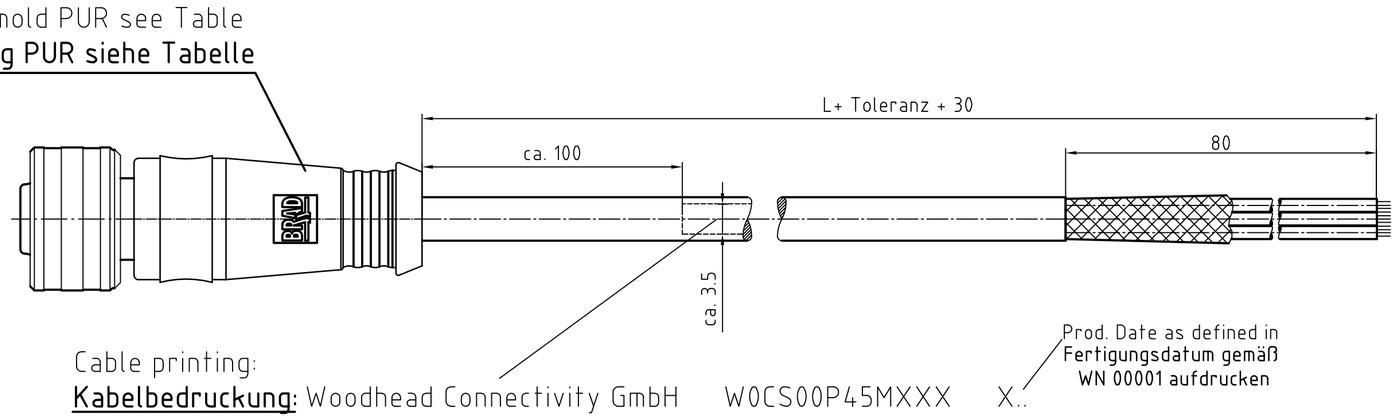
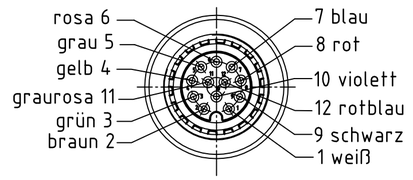


Mating Side
Female Cable Connector shielded/

Steckseite
Kabeldose U-L. geschirmt
12-Pol



Allgemeine Kennwerte General Characteristics			Norm Standard	
Polzahl Kontaktanordnumg	Number of contacts Contact configuration		IEC 947-5-2	12
Bemessungsspannung	Rated Voltage		IEC 664	30V AC / DC
Verschmutzungsgrad	Pollution Degree		IEC 664	3
Betriebststom	Current carrying capacity		IEC 512-3 Test 5 b	1,5A
Durchgangswiderstand	Contact Resistance		IEC 512-2 Test 2 a	< 5mOhm
Bemessungsstoßspannung	Rated Impulse Withstand Voltage		IEC 664	0,8 kV
Prüfspannung	Test Voltage		IEC 60512-2 Test 4 A	0,5 kV / 60 sec
Isolationswiderstand	Insulation Resistance		IEC 512-2 Test 3 A	> 10 GOhm
IP-Schutzart	IP Degree of Protection		IEC 529	IP 67
Stiftdurchmesser	Pin Diameter			0,6 mm
Werkstoffe	Kontakte	Materials	Contacts		Kupferlegierung / copper alloy
	Kontaktoberfläche		Contacts Plating		Au/Ni
	Kontaktträger		Dielectric Material		PUR
	Gehäuse (Umspritzung)		Housing (Overmold)		PUR
	Dichtung (O-Ring)		Gaskets (O-Ring)		VITON
	Schiebehülse		Push Sleeve		CuZn (brass) mit Ni-Oberfläche Nickel Plated
Anschlussart		Termination			Crimp
Brenn-barkeit	Kontaktträger	Flamm-ability	Inserts	UL 94	HB
	Gehäuse (Umspritzung)		Housing (Overmold)		HB
	Leitung / Kabel		Cable		DIN EN265-2-1/UL1581-VW1-Page 95A
Mechanische Lebensdauer		Mechanical Operation			100 Steckzyklen/Mating Cycles
Temperaturbereich		Temperature Range		IEC 60668-1	-25°C / +90°C

(...) Dim. for information
(...) Informationsmaß

SAP-Nummer SAP-Number	Engineering Nr.:	Umspritzungsfarbe Overmold Color	Länge Length
1200835010	W0CS00P45M020	yellow	2M
1200835011	W0CS00P45M040	yellow	4M
1200835012	W0CS00P45M050	yellow	5M
1200835013	W0CS00P45M060	yellow	6M
1200835014	W0CS00P45M100	yellow	10M
1200835025	W0CS00P45M020G	black	2M
1200200004	W0CS00P45M030G	black	3M
1200835026	W0CS00P45M040G	black	4M
1200835027	W0CS00P45M050G	black	5M
1200835028	W0CS00P45M060G	black	6M
1200835029	W0CS00P45M100G	black	10M

Toleranzen Maß L: sichtbare Kabellänge bei M8 , M12 und M12U	
von 0 bis 0.6 m:	±10 mm
über 0.6 bis 1 m:	+30 / -10 mm
über 1 bis 5 m:	±25 mm
über 5 bis 20 m:	±30 mm
über 20 m:	±50 mm

BU/ BLUE	bl/blau
WH/WHITE	ws/weiß
GN/ GREEN	gn/ grün
GY/ GREY	gr/ grau
PK/ PINK	rs/ rosa
YE/ YELLOW	ge/ gelb
RD/ RED	rt/ rot
BK/ BLACK	sw/schwarz
VT/ VIOLET	vi/ violett
BN/ BROWN	bn/ braun

DESCRIPTION
EC NO:WEU2009-0137 2008/07/23
DRWN:LSTEMMLE 2008/11/06
CH'KD:LS APPR:USAEUFFE 2008/11/26
DESCRIPTION
3
REV

QUALITY SYMBOLS
▼ = 0
C = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±0.05	±----
1 PLACE	±0.1	±----
ANGULAR ±	--- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM
SCALE: 2:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: LS DATE: 2008/07/23
CHECKED BY: US DATE: 2008/11/06
APPROVED BY: ---- DATE: ----

M12US-12P-BU-Z-
PUR/SCHIRM-XM

MOLEX INCORPORATED

MATERIAL NO.: see table
DOCUMENT NO.: SD-W0CS00P45MXXX
SHEET NO.: 1 OF 1

SIZE A2

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