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/$)0)$ 1 " # % #2

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' $0) /7 87 7 "2

9$5 5 $)

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- U 1 ! ' " % $. 5) # ' $

RoHS

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6 '	,<
" " # = 5	,<

, $

& "

> ' $!	) /7 87 7 "2

"

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& ' !)	@
	@ A
	@

+

# 87?	8
# . '	8 4
	7 4 &
B " !)	
@	C 77 D
# '	# #
# # '	@: U 7A 7
	@: U 7A 78
#) 5	B

U U U U

, $

+

. ")	- % #
(. . ' ' 5	@@
& ' !)	
@ % $# % 5	C 77
, =	7 8 B" / 2
	7 B" / 2

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"	
! "	B
"	, - +
! ') #5	, -3 $ # 5 ! "" 3 ! 1 ' $ '
3 6	G # 3 6) #
' "	BF

> $

B	,$ " % $! 5 ,$ $ # !) 5) # $

'

# # # '	
# # '	@: U 7A 7
# # # '	
# # '	@: U 7A 78
"" 5 ' # ' -> 8	EF

- 4 ' 5UH 77I

5)	- 4 ' 5
5) / . 2	77
.	> JJ J
#	7 ""K
9+ '	8
# '	1 7 7 ""
# " # '	"" L7 7 ""
,$ 6 3	C 7 "" / 2
	C 7 "" /($ $2
	)) 1 "" L7 "" /@ $ $2
9	% 3 3 6
(. %	% 3 % #
:1 $ $3	' 5 > A77
:1 # " &	8 8 "" L7 ""
" # ' # 3 ! 1 #	""

U U U U

, $

- 4 ' 5UH 77I

" # ' # 3 " .	88 ""
B " ! # ' 5	777777
F # ' #	88 ""
, . ') $	"
, . '	"
% '$	A 6' 6"
($ $3 "	-
3 $ $	4
#	4
# "	F M %
@	C 77 DN6" / 7 ? 2
#	" 1 A D 6" / 7 ? 2
B " . ' 3	O 77 4
, . ' 3	C 777 4
"	) -> 5 8 8
" ") /) 2	? 7 ? / 3 ! 1 # 2
	? 7 ? / 3 ! 1 2

- 4 5 %UH 87I

5)	- 4 5 %
5) / . 2	87
.	> JJ J
-> 9 5	7 8
#	7 ""K
9+ '	8
# '	1 7 7 ""
# " # '	"" L7 7 ""
,$ 6 3	C 7 "" / 2
	C 7 "" /($ $2
	)) 1 7 "" /@ $ $2
9	% 3 3 6
(. %	% 3 % #
:1 $ $3	5 %
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" # ' # 3 ! 1 #	88 ""
" # ' # 3 " .	88 ""
B " ! # ' 5	777777
F # ' #	88 ""
, . ') $	"
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U U U U

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#	" 1 A D 6" / 7 ? 2
B " . ' 3	O 77 4
, . ' 3	C 777 4
"	# % $ &@B -> 5 7 8
" ") /) 2	? 7 ? / 3 ! 1 # 2
	? 7 ? / 3 ! 1 2

- $ ' ! ' UH 7I

5)	- $ ' ! '
5) / . 2	7
.	> J J
-> 9 5	7 8
#	1 7 ""K / ' 2
9+ '	8
# '	1 7 7 ""
# " # '	A "" L7 7 "" / ' 2
,$ 6 3	C 7 "" / 2
	)) 1 7 "" /($ $2
9	% 3 3 6
(. %	% 3 % #
:1 $ $3	' > 77
:1 # " &	8 8 "" L7 ""
" # ' # 3 ! 1 #	""
" # ' # 3 ".	88 ""
B " ! # ' 5	8777777
F # ' #	88 ""
, . ') $	7 "
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	7 " K
% '$	8 6' 6"
($ $3 "	-
#	
# "	F M %
@	C 7 +DN6" / 7 ? 2
#	" 1 A D 6" / 7 ? 2
B " . ' 3	O 77 4

U U U U

, $

- $ ' ! ' UH 7I

, . ' 3	C 777 4
"	# % $ &@B -> 5 7 8
	# % $ ->UA ,
E ' !	# % $ &@B 4&: 78A)
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($	$5# 5 # "
	%
" ") /) 2	87 ? 7 ? / 3 ! 1 # 2
	? 7 ? / 3 ! 1 2

- $ ' ! ' 5UH 7I

5)	- $ ' ! ' 5
5) / . 2	7
.	> J J
-> 9 5	7 8
#	7 ""K
9+ '	8
# '	1 7 7 ""
# " # '	A "" L7 7 ""
,$ 6 3	C 7 "" / 2
	)) 1 7 "" /($ $2
9	% 3 3 6
(. %	% 3 % #
:1 $ $3	. ' 5 > A77
:1 # " &	8 8 "" L7 ""
" # ' # 3 ! 1 #	88 ""
" # ' # 3 ".	88 ""
B " ! # ' 5	8777777
F # ' #	88 ""
, . ') $	7 "
, . '	"
% '$	8 6' 6"
($ $3 "	-
#	
# "	F M %
@	C 77 +DN6" / 7 ? 2
#	" 1 A D 6" / 7 ? 2
B " . ' 3	O 77 4
, . ' 3	C 777 4
"	# % $ &@B -> 5 7 8
E ' !	# % $ &@B 4&: 78A)

Sensor/actuator cable - SAC-3P-M12MR-M 8FS/.../... - 1696895

Cable cross section

PUR/PVC gray [100]

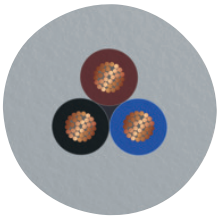
Cable cross section

PUR/PVC yellow [140]

Cable cross section

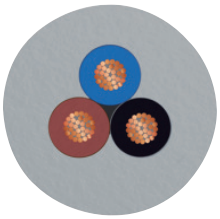
PUR halogen-free orange [180]

Cable cross section



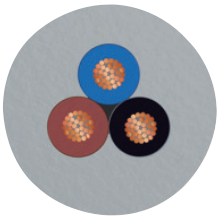
PUR halogen-free gray [280]

Cable cross section



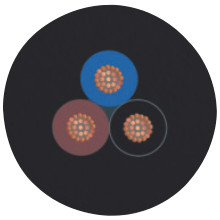
PVC gray [500]

Cable cross section



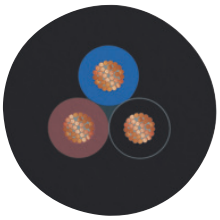
Gray, highly flexible PUR [800]

Cable cross section



PUR halogen-free black [PUR]

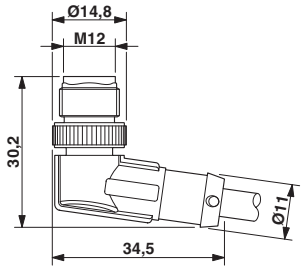
Cable cross section



PVC black [PVC]

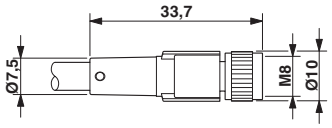
Sensor/actuator cable - SAC-3P-M12MR-M 8FS/.../... - 1696895

Dimensional drawing



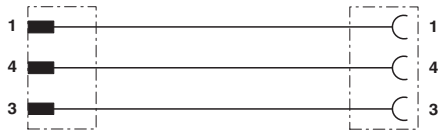
M12 x 1 male plug, angled

Dimensional drawing



Socket M8 x 1, straight

Circuit diagram



Contact assignment of M12 plugs / M8 sockets

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC	EAC	EAC-Zulassung

UL Listed	UL LISTED	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474

Nominal voltage UN	60 V

U U U U

)) .

U	U
B " @B	8

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B " @B	8

-> > #U LISTED U U

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$)0 %%%)$ 1 "

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$ " 6
F " '
+ " 5
, T8 77
1 T8 8 77
$)0 %%%)$ 1 "