

Female connector; 12-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable

Item No.: 734-112



Female connector; 12-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	734-112
EAN	4044918493680
Content	1
Order amount	50
Customer item number	

Notes

Universal connection for all conductor types
Easy cable pre-assembly and on-unit wiring via vertical and horizontal
CAGE CLAMP® actuation
Strain relief plates and housings for in-the-field assembly
100% protected against mismatching
Coding option available

Technical data

Miscellaneous

No. of Poles	12
Total number of connection points	12
Total number of potentials	12
Color	light gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2

Technical data	
Rated voltage EN (1) [V]	160 [V]
Rated surge voltage (1) [kV]	2.5 [kV]
Nominal current [A]	10 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	320 [V]
Bemessungsstossspannung (2) [kV]	2.5 [kV]
Nominal current (2) [A]	10 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	160 [V]
Rated surge voltage (3) [kV]	2.5 [kV]
Nominal current (3) [A]	10 [A]
Connection technology (1)	CAGE CLAMP®
Conductor type (1)	solid
Cross section from (1) [mm ²]	0.08 [mm ²]
Cross section up to (1) [mm ²]	1.5 [mm ²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Conductor type (2)	fine-stranded
Cross section from (2) [mm ²]	0.08 [mm ²]
Cross section up to (2) [mm ²]	1.5 [mm ²]
Conductor type (3)	fine-stranded (with insulated ferrule)
Cross section from (3) [mm ²]	0.25 [mm ²]
Cross section up to (3) [mm ²]	1.5 [mm ²]
Conductor type (4)	fine-stranded (with uninsulated ferrule)
Cross section from (4) [mm ²]	0.25 [mm ²]
Cross section up to (4) [mm ²]	1.5 [mm ²]
Stripped length from (1) [mm]	6 [mm]
Stripped length up to (1) [mm]	7 [mm]
Strip length from [inch] [in]	0.24 [in]
Strip length up to [inch] [in]	0.28 [in]
Stripped length (1) [in]	0.28 [in]
Material group	I

Printview: Female connector; 12-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable - Item No.: 734-112

Technical data	
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower limit temperature [C]	-60 [C]
Upper temperature limit [C]	100 [C]
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load [MJ]	0.14 [MJ]
Weight [g]	9.141 [g]
Width [mm]	44.2 [mm]
Width [in]	1.74 [in]
Height [mm]	13.4 [mm]
Height [in]	0.528 [in]
Length [mm]	18.6 [mm]
Length [in]	0.732 [in]
Pin spacing from [mm]	3.5 [mm]
Pin spacing up to [mm]	3.5 [mm]
Pin spacing from [in]	0.138 [in]
Pin spacing up to [in]	0.14 [in]

Approbation					
Item No.	Registration office	Registration no.	Voltage [V]	Current [A]	Cross section [mm ² , AWG]
734-112	BV	11915/A0	250	10	
734-112	CCA	NL5641	250	10	
734-112	CSA	154112-1465035	300	10	
734-112	DNV	E-9218	250	10	
734-112	GL	17296-00HH	250	10	
734-112	KEMA	2077592.02	250	10	
734-112	LR	96/20035	250	10	
734-112	RMR	11130002	250	10	
734-112	UL	E45172	300	10	
734-112	UL	E45171	250	10	

Accessories available

Insulation stop

Item no.	Description	Pack. Unit
734-671	Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 8 pieces/strip	25

Strain relief

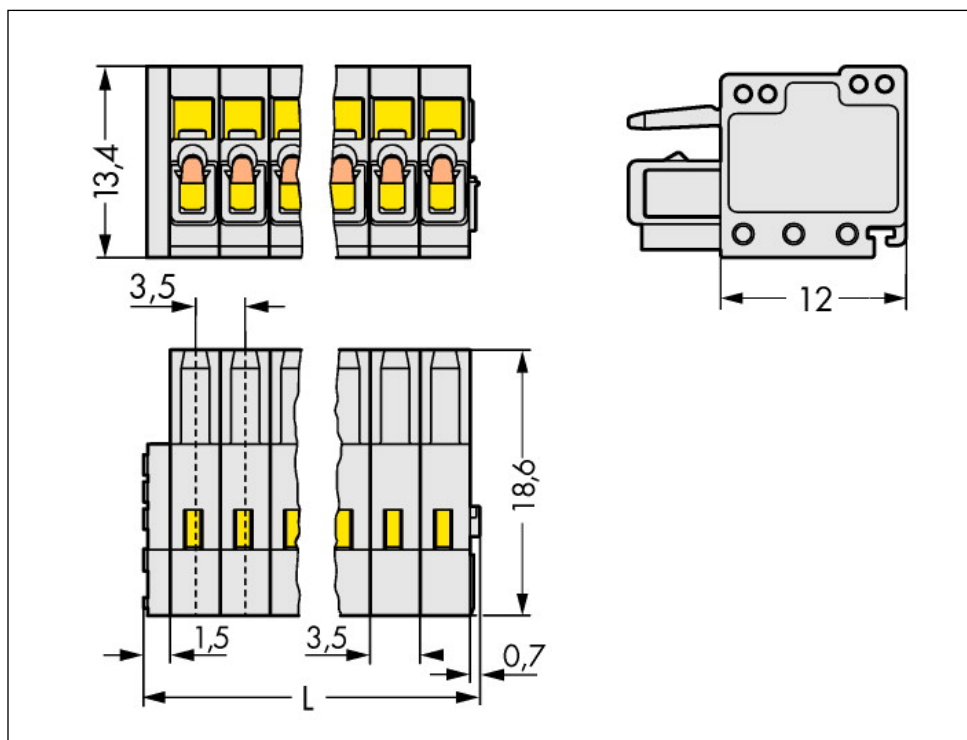
Item no.	Description	Pack. Unit
734-129	Strain relief plate; 25 mm wide	25
734-612	Snap-on type strain relief housing; suitable for 3.5 mm pin spacing; 12-pole; consists of strain relief support and housing	25

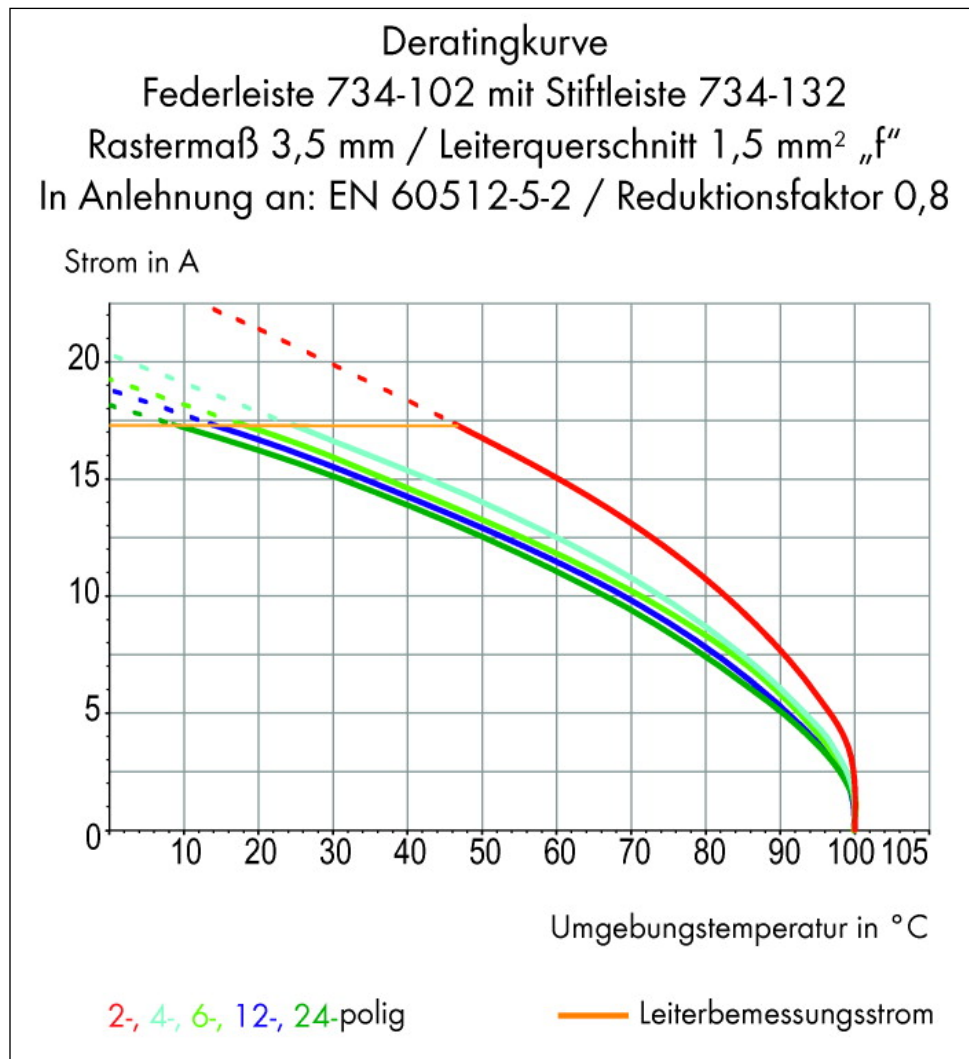
General accessory

Item no.	Description	Pack. Unit
210-199	Stickers for operating instructions; for multi connection system	100
210-719	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm; suitable for 279, 726, 727, 2000, 2001 and 2020 series	1
734-190	Combination operating tool; for male and female connectors with CAGE CLAMP®	25
734-191	Operating tool; for male and female connectors with CAGE CLAMP®; loose	25
734-230	Push-button; for female and male connectors	25
734-231	Operating tool; for male and female connectors with CAGE CLAMP®; of 734 Series	25

Images & drawings







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Technische Änderungen und Irrtümer vorbehalten.