



All dimensions are in mm; tolerances according to ISO 2768 m-H
Y = Part number has to be accomplished by codification

Interface

According to DIN 72594-1

Material and plating

Connector parts

Housing	PPE
Secondary Lock	PPE

Mechanical data

Mating cycles	≥ 25
Retention force latch	$\geq 110\text{ N}$
Retention force primary lock	$\geq 80\text{ N}$
Retention force secondary lock	$\geq 60\text{ N}$
Coding efficiency	$\geq 40\text{ N}$

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Environmental data

Temperature range -40°C to +105°C
 Thermal shock DIN 72594-2 clause 8.2
 Temperature and humidity DIN 72594-2 clause 8.3
 Vibration and mechanical shock DIN 72594-2 clause 8.1
 Dry heat DIN 72594-2 clause 8.4
 RoHS compliant



Application

Applicable e.g. for following connectors: 59K13D-1xx *; 59K13F-1xx *; 59K13O-1xx *; 59K16A-1xx *

* -xx for all available cable variations

Packing

Standard 150 pcs in box
 500 pcs in reusable container
 Weight 2,90 g/pce



Coding

Part Number has to be accomplished by codification

	Coding	Color	RAL	Part-Number
	A	black	sim. 9005	59Z017-000_A
	B	white	sim. 9001	59Z017-000_B
	C	blue	sim. 5005	59Z017-000_C
	D	bordeauxviolet	sim. 4004	59Z017-000_D
	E	green	sim. 6002	59Z017-000_E
	F	brown	sim. 8011	59Z017-000_F
	G	grey	sim. 7031	59Z017-000_G
	H	violet	sim. 4003	59Z017-000_H
	I	beige	sim. 1001	59Z017-000_I
	K	curry	sim. 1027	59Z017-000_K
	Z	waterblue	sim. 5021	59Z017-000_Z
		traffic purple	sim. 4006	secondary lock

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