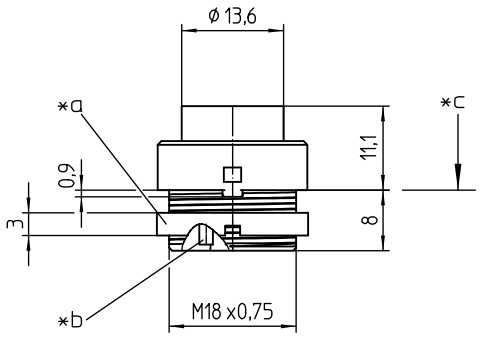
04 0414 ... S

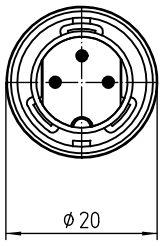
Circular connectors with bayonet locking M16B, IP40

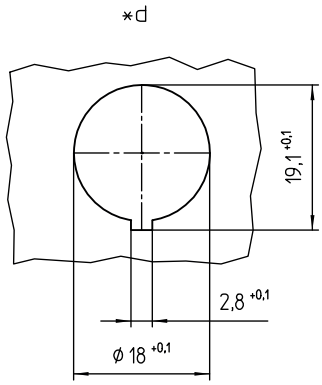


Chassis plug with bayonet locking and solder terminals,
for front mounting

04 0414 ... S







Environmental conditions

Temperature range	-40 °C/+85 °C

Materials

Insulating body	PA GF, V-0 according to UL94
Contact pin	CuZn, pre-nickel and silver-plated, passivated
Housing	PA, V-0 according to UL94
Ring screw	CuZn, nickel-plated

Mechanical data

Tightening torque nut	1–2.5 Nm
Thickness of mounting plate	1–4 mm
Protection class	IP40 [1]

[1] according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

Connectable conductors for solder area

Section	≤ 0.75 mm² (AWG 20)

Electrical data (at T_{amb} 20 °C)

Rated current	5 A (T_{amb} 40 °C)
Rated voltage	with pollution degree 1: 300 V (versions 03, 04, 05-1, 06, 07) 100 V (versions 05, 07-1, 08, 08-1)
Rated impulse voltage	1500 V (versions 03, 04, 05-1, 06, 07) 500 V (versions 05, 07-1, 08, 08-1)
Material group	II (IEC)/1 (UL) (400 ≤ CTI < 600)
Overvoltage category	I
Insulation resistance	> 100 MΩ

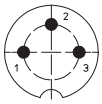
Associated products

Counterparts
0421 ... S

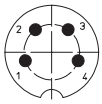
Accessories
0384 0385

Harnessing equipment
ZMS 20

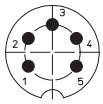
Pin configurations, solder side view



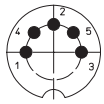
03-a
0414 03 S



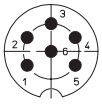
04-a
0414 04 S



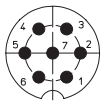
05-a
0414 05-1 S



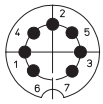
05-b
0414 05 S



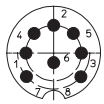
06-a
0414 06 S



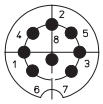
07-a
0414 07 S



07-b
0414 07-1 S



0414 08 S



08-a
0414 08-1 S

*a nut enclosed separately
*b cup-shaped solder terminal
*c mounting direction
*d port in mounting plate

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0414 03 S	3	50	100
0414 04 S	4	50	100
0414 05 S	5	50	100
0414 05-1 S	5	50	100
0414 06 S	6	50	100
0414 07 S	7	50	100
0414 07-1 S	7	50	100
0414 08 S	8	50	100
0414 08-1 S	8	50	100

Packaging:
preassembled, in a cardboard box