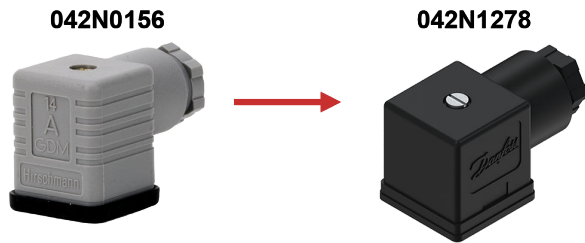


Advertisement

# Industrial cable plugs Type **IP65**





Starting May 17, 2021, the grey standard Industrial IP65 cable plug 042N0156 will be replaced by the new Industrial cable plug.

042N1278 for OEM customers. Technical comparison specification to be used in the transition period from the old to the new plug.

## Cable plugs comparison

Table 1: Comparison table for industrial cable plugs

		
<b>Code no.</b>	<b>042N0156</b>	<b>042N1278</b>
<b>DIN size</b>	18	18
<b>Enclosure (IEC 60529)</b>	IP65	IP65
<b>Cable diameter</b>	Ø4.5 - 11 mm	Ø6 - 8 mm
<b>Ambient temperature</b>	-30 - 90 °C	-40 - 90 °C
<b>Max. Voltage</b>	250 V AC / DC	250 V AC / DC
<b>Body material</b>	PA6 GF	PA66 GF
<b>Profiled gasket</b>	NBR	NBR
<b>Color</b>	Grey	Black
<b>Length</b>	34.2 mm	27 mm
<b>Height</b>	53 mm	50 mm
<b>Weight</b>	31 gram	31 gram
<b>Flammability class V-0</b>	No	Yes

**Product specification**

**Cable plug**



- Enclosure: Up to IP65
- For use with Danfoss coils type AL, AM, AS, AZ, BA, BB, BD, BN (Center boss), BQ, and BY
- AC / DC all voltages up to 250 V
- Approved in accordance with:
  - US
  - CSA
  - VDE

Table 2: Cable plug

Cable plug size	Description	Code no.
DIN 18	Cable plug according to DIN 43650-A PG 11	042N0156

**Technical data**

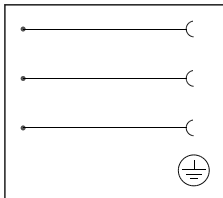
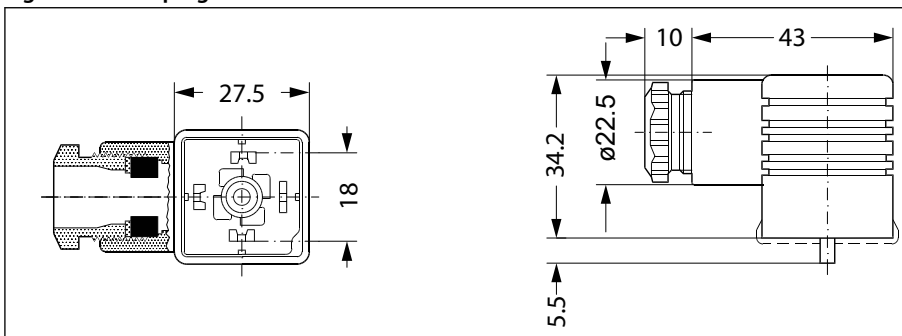


Table 3: Technical data

<b>Type</b>	GDM 2011 J (Grey)	
<b>Design</b>	DIN 43650-A	
<b>Cable gland</b>	PG 11	
<b>Poles</b>	2 + PE	
<b>Max. voltage</b>	250 V AC / DC	
<b>Approvals</b>	CSA, VDE	
<b>Enclosure</b>	IP65 (IEC 60529)	
<b>Max. operating current</b>	16 A	
<b>Contact resistance</b>	< 10 mΩ	
<b>Cable diameter</b>	Ø4.5 – 11 mm	
<b>Wire cross section</b>	Max. 1.5 mm <sup>2</sup>	
<b>Ambient temperature</b>	-30 – 90 °C / -22 – 194 °F	
<b>Materials</b>	Contacts:	CuSn (Tin plated)
	Terminal block:	PA 6 GF
	Profiled gasket:	NBR
	Housing:	PA 6 GF

**Dimensions and weight**

Figure 1: Cable plug dimensions



Weight 0.031 kg / 0.068 lbs

## Cable plug



- Enclosure: IP65 / NEMA 4
- For use with Danfoss coils type AL, AM, AS, AZ, BA, BB, BD, BN (Center boss), BQ, and BY
- AC / DC all voltages up to 250 V
- In accordance with:
  - RoHS 2011/65/EU
  - LVD 2014/35/EU
  - CSA
- Design according to:
  - Flammability
    - UL94 V0
    - IEC 60695-11-5

Table 4: Cable plug

Cable plug size	Description	Code no.
DIN 18	Cable plug IP65	042N1278

## Technical data

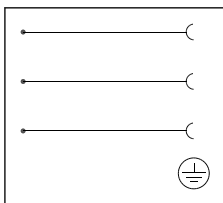
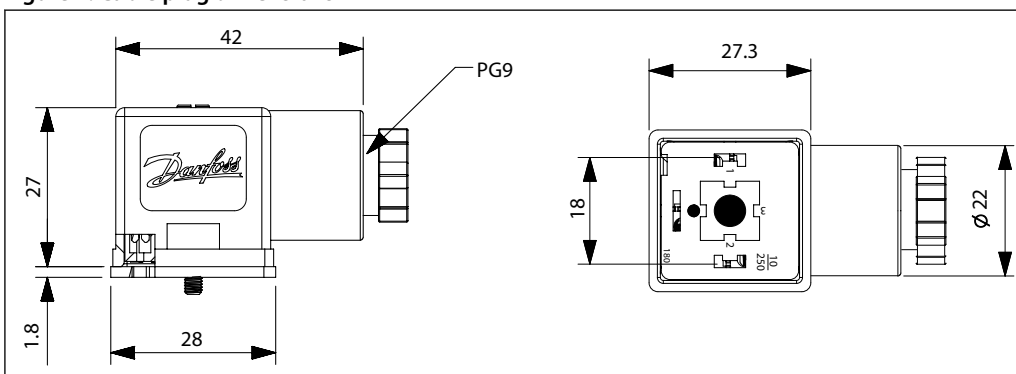


Table 5: Technical data

<b>Type</b>	Cable plug with Danfoss logo	
<b>Design</b>	EN 175301-803 Form A	
<b>Cable gland</b>	PG 9	
<b>Poles</b>	2+1 (Earth)	
<b>Max. voltage</b>	250 V AC / DC	
<b>Enclosure</b>	IP65 (IEC 60529)	
<b>Max. operating current</b>	16 A	
<b>Contact resistance</b>	≤ 15 mΩ	
<b>Cable diameter</b>	Ø 6 - 8 mm	
<b>Wire cross section</b>	Max. 1.5 mm <sup>2</sup>	
<b>Ambient temperature</b>	-40 - 90°C / -40 - 194°F	
<b>Materials</b>	Housing	PA66 GF (Polymide)
	Terminal block	PA66 GF (Polymide)
	Profiled gasket	NBR

## Dimensions and weight

Figure 2: Cable plug dimensions



Weight: 0.031 kg / 0.067 lbs

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