

Always. Reliable. Tight.

Connection options for the inside/outside of buildings

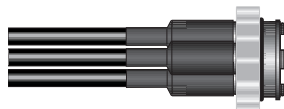
# SYSTEM OVERVIEW

## HSI 90/KES-M 90

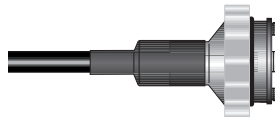
### INSIDE OF BUILDING

### WALL

### OUTSIDE OF BUILDING



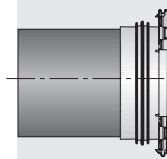
**Shrink-sleeves for cables**  
3x Ø12 - Ø30 mm HSI 90-D3/32  
or 6x Ø8 - Ø18 mm HSI 90-D6/20  
(Heat shrink sleeves)



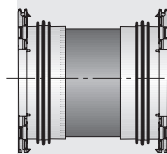
**Shrink-sleeves for cables**  
1x Ø25 - 72 mm HSI 90-D1/75  
(Heat shrink sleeves)



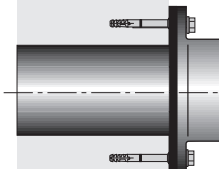
**Rubber technology for retrofit cable sealing**  
HRD94-1G-z/d (for HSI 90) configuration for example:  
max. 3x Ø30 mm  
or 5x Ø22 mm  
or 9x Ø13 mm



HSI 90-K/X  
Single wall insert



HSI 90-K2/X  
Double wall insert



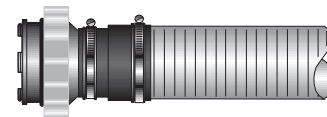
HSI 90-DF  
Flange for do-  
weling in front  
of core drillings  
Ø max. = 90 mm



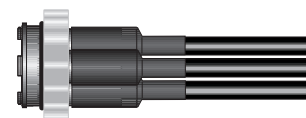
**Smooth cable ducts**  
Ø90 with sleeve system HSI 90-M90  
Ø110 with sleeve system HSI 90-M110



**Corrugated cable ducts**  
Ø75 Cold shrink-sleeves HSI 90-D75 KS  
Ø90 Sleeve system with clip rings  
HSI 90-M90 WR  
Ø110 Sleeve system with clip rings  
HSI 90-M110 WR



**Cable entry system**  
KES-M 90-D (spiral hose Hateflex 14090  
Ø102mm)



**Shrink-sleeves for cables**  
3x Ø12 - 30 mm HSI 90-D3/32  
or 6x Ø8 - 18 mm HSI 90-D6/20  
(Heat shrink sleeves,  
also available as cold shrink)



**Shrink-sleeves for cables**  
1x Ø25 - 72 mm HSI 90-D1/75  
or 1x Ø38 - 72 mm HSI 90-D1/75 KS

KS= cold-shrink sleeve (recommended for corrugated pipe connections)  
Other special solutions on request!



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